



भारतसरकार

Government of India

केन्द्रीय लोकनिर्माणविभाग

Central Public Works Department

NOTICE INVITING e-TENDERS

Name of work: *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bungalow CPWD) at Jodhpur during 2026-27.*

NIT No.: 14 /EE(E)/Jodhpur/2026-27

ESTIMATED COST:

:Rs. 18,76,441.00(Composite Cost)

Rs . 11,56,625 .00 (Electrical) + Rs. 7,19,816.00 (Civil)

EARNEST MONEY

: Rs. 37,529/-

COMPLETION PERIOD

: 12 Months

Last date/Time of Tender submission

:Up to 04:30 PM on 11.08.2026

Date of Opening of bids

: At 05:0 PM on 11.08.2026

Assistant Engineer (E) (P) Jodhpur
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD, Jodhpur

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Name of Work: **Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.**

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Time Allowed : 12 (Twelve) Months.

Certified that this bid document contains pages 01 to 148 (One to One Hundred Twenty Forth Eight excluding front and back cover page).

NIT approved for Rs. **18,76,441.-** (Rupees Eighteen Lacs Seventy Six Thousand Four Hundred Forth Four only)
[Electrical: Rs. **11,56,625/-** Civil : Rs.**7,19,816/-**]

Assistant Engineer (E) (P) Jodhpur
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD, Jodhpur

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CHECK LIST FOR BIDDERS FOR SUBMISSION OF BIDS

1. The bidder should read all the instructions, items & conditions, contract clauses, nomenclature of items, specifications etc., contained in the bids document very carefully, before quoting the rates.
2. The bidder should also read the General Conditions of Contract for CPWD works 2023 Maintenance work, published by DG, CPWD, Nirman Bhawan, New Delhi which will be a part of the Agreement with up to date amendments upto the date of receipt of tenders.
3. The bidder shall quote his rates keeping in mind the specifications, terms & conditions, additional and special conditions etc. and nothing extra shall be payable unless otherwise specified.
4. The bidder shall have to make his own arrangement for housing facilities for staff and labour away from Maintenance site and shall have to transport the labour to and fro between Maintenance site and labour camp at his own cost. No labour huts will be allowed to be constructed at the site except a few temporary sheds for chowkidars and storekeepers at the site. Any decision in this regard shall rest with the Engineer-in-charge and the contractor shall have no claim on this account.
5. The bidder should read the specification and special condition and additional conditions etc.
6. The work required to be executed in occupied building. The bidder shall take precaution to ensure quality of workmanship as well as the progress of the work. He shall regulate the labour accordingly.
7. The bidder shall make environment friendly arrangement for disposal of dismantle/waste materials from upper floors.
8. **C.P.W.D Contractor's Labour Regulations:** As per GCC 2023
9. **Modifications as per DG, CPWD OM no. DG/SE/CM/CON/285 dated 04/06/2015:-**
 - a. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registration or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW welfare board and program chart(time and progress) within the period specified in schedule 'F' .
 - b. As per clause 7A, no running account bill shall be paid for the work till the applicable labour license, registration with EPFO, ESIC and BOCW welfare board whatever applicable are submitted by the contractor to the Engineer- in-charge.
 - c. The contractor shall also comply with provision of the interstate migrant workman (regulation of employment) and condition of service Act 1979.

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INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING FORMING PART OF NIT AND TO BE POSTED ON WEBSITE

The Executive Engineer (E&M), Jodhpur, CPWD, Jodhpur on behalf of President of India invites **online Percentage rate bids in Single Bid system from "Approved and eligible registered contractors in appropriate class in (B&R) category in CPWD"** for the following work(s):

S.No.	1.
NIT No.	14 /EE(E)/Jodhpur /2026-27
Name of work & Location	<i>Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.</i>
Electrical Work(Rs.: 11,56,625.00 Civil Work (Rs.7,19,816.00 Total (Rs. 18,76,441.00	Rs. 18,76,441.00
Earnest Money	Rs. 37,529/-
Period of Completion	12 Months
Last date and time of submission of Bid original hard copy of EMD or copy of receipt for deposition of original EMD with any EE of CPWD	Upto 04:30 PM on 11.08.2026
Time and date of opening of Price Bid	From 5:00PM onwards, on 11.08.2026

- The intending bidder must read the terms & conditions of CPWD-6 carefully. He should only submit his Bid if he considers himself eligible and he is in possession of all the documents required.
- Information and instructions for Bidders for e-tendering posted on website shall form part of bid document.
- The Bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website <https://etender.cpwd.gov.in> free of cost
- The bid can only be submitted after depositing original EMD either in the office of inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker's Cheque or Deposit at Call Receipt or Fixed Deposit Receipt and Bank Guarantee of any Scheduled Bank toward s"Executive Engineer JdCD, CPWD Jodhpur" receipt of deposition of original EMD to division office of any Executive Engineer(including NIT issuing EE), CPWD and other documents as specified.
- Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as

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- per detail available on the website.
- 6 The intending bidder must have valid class-III digital signature to submit the bid.
 - 7 On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
 - 8 Contractor can upload documents in the form of JPG Format and PDF Format.
 - 9 Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in Pink colour and the moment rate is entered, it turns Sky Blue.
 - 10 In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0".
Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
 - 11 The General conditions of contract for GCC 2023 for Maintenance work CPWD amended up to last date of receipt of tender shall be the part of Agreement (Available on CPWD Website).
 12. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.

List of Documents to be scanned and uploaded within the period of bid submission:

1. Scanned and uploaded of Original EMD
2. Performa for Earnest Money Deposit **Page No.07**
3. Enlistment Order of the Contractor in composite category in CPWD.
4. i) Certificate of Registration for GST.
ii) GST registration certificate, if already obtained by the bidder. If the bidder has not obtained GST registration **as applicable**, then he shall scan and upload following undertaking along with bid documents. "If work is awarded to me, I/we shall obtain GST registration certificate, **as applicable**, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard."
5. Address with e-mail
6. Copy of PAN Card
7. Copy of Certificate of ERP Training
8. Copy of valid Electrical Contractor License if already obtained by the bidder. If the bidder has not obtained valid Electrical Contractor License, then he shall scan and upload undertaking as per Proforma B of this NIT (Page -8) along with bid documents

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Format of Receipt of Deposition of Original EMD**Received No. :****Dated :**

1. Name of Work : Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.
2. NIT No. : 14 /EE(E)/Jodhpur /2026-27
3. Estimated Cost : **Rs. 18,76,441/-**
4. Amount of Earnest Money Deposit : **Rs.37,529 /- in favour of "Executive Engineer JdCD, CPWD Jodhpur**
5. Last date of submission of bid : 11.08.2026(4.30 PM)
1. Name of Contractor :
2. Form of EMD :
3. Amount of Earnest Money Deposit :
4. Date of Submission of EMD :

Office Stamp

Signature, Name and Designation
Of EMD receiving Officer (EE/AE(P)/AAO)
Alongwith office stamp

Note :-

1. The Executive Engineer of all divisions including NIT issuing division / sub-division of CPWD should receive the original EMD for tender of other division.
2. The NIT approving authority / EE at the time of issue of NIT shall also fill and upload the above prescribed format of receipt of deposition of original EMD alongwith NIT.
3. The Executive Engineer receiving EMD in original form shall examine the EMD deposited by the bidder and shall issue a receipt of deposition of earnest money to the Contractor in a given format uploaded by tender inviting EE. The receipt may also be issued by the AE(P)/AAO of the receiving division.
4. The Executive Engineer receiving original EMD shall also intimate tender inviting Executive Engineer above deposition of EMD by the Contractor by email/fax/telephonically.
5. The original EMD receiving Executive Engineer shall release the EMD after verification from the tendering portal website (www.tenderwizard.com > tender free view > advance search > awarded tenders) that the particular contractor is not L-1 tenderer and work is awarded.
6. The tender inviting Executive Engineer will call for original EMD of the L-1 tenderer from EMD receiving Executive Engineer immediately.

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Performa 'B'**UNDEDRTAKING CERTIFICATE FROM CONCERNED CONTRACTOR FOR ELECTRICAL
LICENSE OF ELEGIBLE CLASS**

Name of Work:- *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bungalow CPWD) at Jodhpur during 2026-27.*

We hereby giving undertaking that we will obtain the valid Electrical licence before the start of work or to associate the agency having valid electrical license of eligible class for the above mentioned work .

I will execute the work as per specifications and conditions of the agreement and as per direction of the Engineer-in-charge.

Also , I will employ full time technically qualified supervisor as required for the work. I will attend inspection of officers of the department as and when required.

Date.

Signature of Main Contractor

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PART – A

NOTICE INVITING e-TENDER (CPWD-6), TENDER FORM (CPWD-7), SCHEDULES - A TO F FOR WORK AND STANDARD GCC FOR CPWD-2023 FOR Maintenance WORK AMENDED/ MODIFIED UP TO LAST DATE OF TENDER SUBMISSION

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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

NOTICE INVITING e-
TENDER

Online Percentage rate bids in Single Bid system from “Approved and eligible registered contractors in appropriate class in composite category in CPWD” for the following work(s):

Name of Work: *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.*

The enlistment of the contractors should be valid on the last date of submission of bids. In case the last date of opening of bid is extended, the enlistment of contractor should be valid on the original date of opening of bids.

1. The work is estimated to cost **Rs. 18,76,441/-**. This estimate, however, is given merely as a rough guide.
2. Agreement shall be drawn with the successful bidders on prescribed Form No. CPWD 7 (or other Standard Form as mentioned) which is available at a Govt. of India Publication and also available on website www.cpwd.gov.in. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
3. The time allowed for carrying out the work will be 04 Months from the date of start as defined in schedule ‘F’ or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
4. The site for the work is available.
5. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from website e-tending.cpwd.gov.in, free of cost.
6. After submission of the bid the contractor can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
7. While submitting the revised bid, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
8. Earnest Money **37,529/-** in the **original** Proforma for Earnest Money Deposit Receipt shall be scanned and uploaded to the e-tendering website within the period of bid submission.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or **Rs. 5 lakh**, whichever is less, will have to be

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deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee of any scheduled bank having validity for Six months or more from the last date of receipt of tenders which is to be scanned and uploaded by the intending bidder.

Copy of Enlistment order and certificate of work experience and other documents as specified in the notice shall be scanned and uploaded to the e-tendering website within the period of bid submission. **However certified copy of all the scanned documents as specified in press notice shall have to be submitted by the lowest bidder only along the physical EMD of the scanned copy of EMD uploaded.**

Online bid documents submitted by intending bidder shall be opened only of those bidders, **who has Earnest Money Deposit and other document scanned and uploaded are found in order.**

The bid submitted shall be opened at 5:00PM on 11.08.2026.....

9. The bid submitted shall become invalid and e-tender processing fee shall not be refunded if:
- (i) The bidder is found ineligible.
 - (ii) The bidders does not upload all the documents (including GST registration) as stipulated in the bid document **including performa for EMD** Deposit Receipt **duly signed, on or before time.**
 - (iii) **If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority**
 - (iv) **If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section/sub head Item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.**
10. *The contractor, whose bid is accepted, will be required to furnish performance guarantee of a) 5% (Five percent) of tendered value OR Estimated cost Put to Tender (ECPT) (whichever is higher) as per OM NO.DG/CON/Construction 2023/24 dated 27.02.2026.(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.. This guarantee shall be in the form of Deposit at Call receipt of any scheduled bank/Banker's Cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F' including the extended period if any, the the earnest money deposited by the contractor shall be forfeited automatically without any notice to the contractor. The earnest money deposited alongwith bid shall be returned after receiving the aforesaid performance guarantee.*

The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses,

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registration with EPFOandESIC Welfare Board and Programme Chart (Time and Progress) within the period specified in Schedule F.

11. Intending bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at hisowncost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.
12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable to rejection.
14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidder shall be bound to perform the same at the rate quoted.
15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Chief Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.
16. No Engineer of gazetted rank or other gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of 10 Days after his retirement from Government service, without the previous permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.

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17. The bid for the works shall remain open for acceptance for a period of **Thirty(30) days** from the date of opening of bids. If any bidders withdraws his bid before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
18. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 07Days from the stipulated date of start of the work, sign the contract consisting of:-
- The Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, forming part of the bid as uploaded at the time of invitation of bid and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
 - Standard C.P.W.D. **Form 7** or other Standard C.P.W.D. Form as mentioned.

Signature of the Divisional Officer,
For and on behalf of the President of India

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**GOVERNMENT OF INDIA
CENTRAL PUBLIC WORKS DEPARTMENT**

STATE	Rajasthan	CIRCLE	SE Jodhpur
BRANCH	E&M	DIVISION	EE(E&M)-Jodhpur Sub Divn –AE(E)Jodhpur

PERCENTAGE RATE TENDER AND CONTRACT FOR WORKS

- (i) **Tender for the work of : Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bungalow CPWD) at Jodhpur during 2026-27.**
- (ii) **To be submitted by 04.30PM on 11.08.2026**
- (i) **The online Bid shall be opened in presence of tenderers who may be present at 05.00PM on 11.08.2026. In the office of the: Executive Engineer (E&M), Jodhpur, CPWD Jodhpur**

TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for the President of India within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

I/We agree to keep the tender **open for Thirty (30) days** from the due date of opening of bid and not to make any modification in its terms and conditions.

A sum of **37,529/-** is hereby forwarded in performa Earnest Money Deposit receipt duly signed & stamped as earnest money.

If I/we, fail to furnish the prescribed performance guarantee or fail to commence the work within prescribed period I/we shall be suspended for one year and shall not be eligible to bid for CPWD tenders from date of issue of suspension order. Further, if I/we fail of commence work as specified, I/we agree that President of India or his successors in office shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely.

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Further, I/We agree that in case of forfeiture of Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for tendering in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee.

I/We hereby declare that I/we shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Dated:

Signature of Contractor

Witness:

Postal Address

Address:

Occupation:

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the President of India for a sum of Rs. _____ (Rupees _____)

The letters referred to below shall form part of this contract Agreement:-

- a) _____
- b) _____
- c) _____

For & on behalf of the President of India

Dated:

Signature _____

Designation _____

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SCHEDULE 'A' to 'F' (Electrical)

SCHEDULE 'A'

Schedule of quantities
page no. -----

For electrical work scheduled attached at

SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any. Nil

SCHEDULE 'E'

Reference to General Conditions of contract

General Conditions of Contract for
CPWD Maintenance work 2023 as amended/
modified upto the previous day of last date of
submission of tender.

Name of Work:- *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.*

Estimated Cost of work

Electrical Work (Rs.: 11,56,625.00

Civil Work (Rs. 7,19,816.00

Total Composite (Rs. 18,76,441.00

Earnest Money: - Rs 37,529.00

Performance Guarantee (a) 5% (Five percent) of tendered value OR Estimated cost

Put to Tender (ECPT) (whichever is higher) as per OM

NO.DG/CON/Construction 2023/24 dated 27.02.2026.

(b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

Security Deposit 2.5% of the tendered value

SCHEDULE 'F':-

General Rules & Directions:-

	Officer Inviting Tender	:	Executive Engineer (E&M), Jodhpur, CPWD Jodhpur
	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3	:	See at appropriate clause under definitions

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	Definitions:-	
2(vi)	Engineer-In-Charge	: Executive Engineer (E&M), Jodhpur, CPWD Jodhpur
2(viii)	Accepting Authority	: Executive Engineer (E&M), Jodhpur, CPWD Jodhpur
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	: 15%
2(x)(a)	Standard Schedule of Rates (Electrical & Civil)	: DSR 2023 modified by multiplying correction Factor of 0.973 as Director General Office Memorandum No. 158/SE(TAS)/GST/2024/02-E Dt. 08-08-2024 & DSR 2025 (E&M) with upto date correction slips issued up to date of receipt of tender & market based items
2(xi)	Department	: Central Public Works Department
9(ii)	Standard CPWD Contract (electrical & civil)	: GCC-2023 Maintenance works CPWD Form-7 as modified & corrected up to previous day of last date of submission of the tender.
Clause-1:-		
(i)	Time allowed for submission of performance guarantee, Programme Chart (Time and progress) and applicable Labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including provident fund Code No. or proof of applying thereof from the date of letter of acceptance.	07(Seven)Days
(ii)	Maximum allowable extension with late fee @ 0.1 % per day of performance guarantee amount beyond the period as provided in (i) above.	3 (Three) Days
Clause-2	Authority for fixing compensation under clause-2.	SE, CPWD, Jodhpur or his successor
Clause-2 A		Not Applicable
Clause-5	Number of days from the date of issue of letter of acceptance for reckoning date of start.	10 (Ten) Days
Time allowed for execution of work.		12 Months
(i)	Authority to convey decision of shifting of mile stone & extension of time.	: Executive Engineer (E&M), Jodhpur, CPWD Jodhpur or his

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			successor
(ii)	Authority to decide rescheduling of milestone and extension of time.	:	SE, CPWD, Jodhpur or his successor
(iii)	Shifting of date of start in case of delay in handing over of site.	:	SE, CPWD, Jodhpur or his successor
Schedule of handing over of site			
Part	Portion of Site	Description	Time Period for handing over reckoned from date of issue of letter of intent.
Part A	Portion without any hindrance	Site is available	On the day of start of the work.
Clause-5			Applicable
CLAUSE 5.4 :- Rescheduling of milestone(s) and extended date of completion :- The request for rescheduling of milestone(s) and extension of time, shall be made by the contractor through ERP Portal once in a month on the basis of hinderance accepted by Engineer-in – charge under subclause 5.2 and subclause 5.3. The Contractor shall indicate in such a request number of days by which rescheduling of milestone(s) and/ or extension of time is desired.			
TABLE OF MILE STONES Nil			
Clause-6:-	Electronic Measurement Book (EMB) through CPWD ERP portal		
Clause-7:-	Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.		Quarterly or as mutually agreed by both parties.
Clause-7A:-	Regarding applicability of labour laws: - Related to Labour licensee, registration of contractor with EPFO, ESIC and BOCW welfare board i/c Provident Fund		Yes , Applicable .
	No running account bill shall be paid in the work till the applicable labour licenses, registration with EPFO, ESIC, BOCW welfare board including Provident Fund Code No. whatever applicable are submitted by the contractor to the Engineer-in-charge.		
Clause-7B:-	Payment to Third Party		Yes , Applicable
CLAUSE 8	Competent Authorities to inspect and issue part/ final completion certificate.	Executive Engineer (E&M), Jodhpur, CPWD Jodhpur or his successor	
CLAUSE 8A	Authority to decide compensation on account if contractor fails to submit completion plans.	Executive Engineer (E&M), Jodhpur, CPWD Jodhpur or his successor	

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Clause-10A:-	Materialsto be provided by the contractor.		Provision as per O.M. No. DG/Con/Maintenace 2023/12 dated 09.10.2024 & DG/Con/Maintenace 2023/13 dated 29.10.2024 issued by CPWD Directorate.
Clause-10-B (ii)	Whether clause 10-B (ii) shall applicable.		Not Applicable
Clause- 10C			Not Applicable
Clause- 10CC	Clause 10 CC to be applicable in contracts with stipulated period of completion		Not Applicable
Clause-11:			
Specifications to be followed for execution of work:			
E & M works	1. CPWD General Specifications for Electrical Works (Part-1) Internal – 2023, with up to date correction slips upto previous day of last day of submission of bids. 2. CPWD General Specifications for Electrical Works (Part-II) for External 2023 with up to date correction slips upto previous day of last day of submission of bids. 3. CPWD Maintainance Manual 2023 4 CPWD General Specifications for Electrical Works Heating, ventilation & Air conditioning (HVAC) - 2024 with up to date correction slips upto previous day of last day of submission of bids 5. CPWD General Specifications for Electrical Works (Part-VII) for DG Set 2013 with up to date correction slips.		

CLAUSE 12		
Type of work:		Maintenance Work.
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 (c)		See Below
12.2 (c)	Deviation Limit beyond which clauses 12.2 (c) shall apply for building work	No Limit
CLAUSE 16		
Competent Authority for deciding reduced rate thereof.		SE, CPWD, Jodhpur or his successor
Clause -17: Defect Liability period		
Note:- (i) Defect liability period(DLP) shall be 12 months after declaring the Entire work completed by the competent authority.		
CLAUSE 18 : As per direction of Engineer-in-Charge & requirement at site.		

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Clause 19	Competent Authority to decide penalty for each default–	
Clause 19C	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19D	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19G	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 19K	Competent Authority to decide penalty for each default	As per GCC 2023 Provisions
Clause 25	Conciliator	Special Director General ,CPWD , Chandigarh
	Arbitrator Appointing Authority	S E ,CPWD , Jodhpur or his Successor
	Place of Arbitration	Jodhpur (Rajasthan)

Clause 32: Requirement of Technical Representative(s) and Recovery Rates :-

Sl. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/Technical representative)	Minimum experience	number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of Clause 32 Per person	
						Figures (Rs. Per person per month)	Words (Rs. Per person per month)
1	Graduate Engineer Or Diploma Engineer	E & M	Principal Technical representative	2 years or 5 years	1 No.	15,000/-	Fifteen Thousand Only.
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Assistant Engineer (E) (P)
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD Jodhpur

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केन्द्रीय लोक निर्माण विभाग

कार्यालय ज्ञापन

No. DG/Manual-2024/20

ISSUED BY THE AUTHORITY OF DIRECTOR GENERAL, CPWD

Vidyut Bhawan, New Delhi

Dated: 27.02.2026

Sub: Modification in Para 5.2 for CPWD Works Manual 2024.

Following modification is made in Para no. 5.2 for CPWD Works Manual 2024:

Existing Provision	Modified Provision
5.2 Performance Guarantee	5.2 Performance Guarantee
Sl. No. 1	No Change
2. PG shall be 5% of the contract amount or as prescribed from time to time to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of sixty days beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.	2. PG shall be 5% of the Estimated cost put to tender (ECPT) or contract amount whichever is higher , or as prescribed from time to time, to be submitted in the form as prescribed in GCC. Performance Guarantee shall remain valid for a minimum period of six months beyond the date of completion of all contractual obligations as per GCC. In case of contracts where supplementary agreement is drawn, the fresh PG shall be obtained from the contractor @ 5% of the amount of the supplementary agreement or as prescribed from time to time. The PG received against the original work shall be released as per contract conditions.
Sl. No. 3	No Change
4. No provision	4. A bid will be treated as abnormally low if the quoted bid amount is lesser than 80% of the estimated cost put to tender.
5. No provision	5. Requirement of Additional Performance Guarantee (APG) : In case of abnormally low bids as defined above, the bidder shall be required to submit Additional Performance Guarantee (APG) in addition to the Standard Performance Guarantee (PG). The amount of Additional Performance Guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount. (e.g. if ECPT is A and quoted amount is 0.7A then the amount of APG shall be

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	0.8A – 0.7A). The Additional Performance Guarantee (APG) shall be in the prescribed format of Performance Guarantee and has to be submitted within the time frame prescribed for submission of Performance Guarantee. The other terms and conditions of release etc. of APG shall be same as that of PG.
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This is issues with the approval of DG CPWD.


27.02.2026
((चन्द्र पाल))
अधीक्षण अभियंता (सी.एण्ड.एम.)
Chandar Pal, SE (C&M)

Issued from file No. CSQ/CM/16(1)/2026 e-file 9212995 (DFA/ 9365789)

केलोनिवि तथा लोनिवि दिल्ली के सभी अधिकारियों को आवश्यक सूचना एवं कार्यवाही हेतु। (केलोनिवि वेबसाईट के माध्यम से)


21.1.16

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**SPECIAL CONDITIONS and CONDITIONS FOR ENGAGEMENT OF ASSOCIATED
ELECTRICAL AGENCIES
(FOR ALL E & M COMPONENTS)**

1. The applicant should either himself meet the eligibility conditions for the respective E&M components or otherwise he will have to associate with agencies, fulfilling the eligibility requirements and the consent letter from at least One eligible Associate Agency of the respective components of E&M work shall also be submitted as per attached Proforma.
2. *In case the main contractor is himself eligible (as per eligibility criteria) for executing any specific E&M component and intends doing the job himself, he may not be required to associate with another agency for that E&M component of work. In such cases the main contractor also has to submit the documents as per eligibility criteria mentioned for associated agency of individual E&M component.*
3. *The main tenderer have to submit the following documents for association of electrical contractors within 10 days of award of work if they themselves do not eligible to do the work .*
 - (a) *In support of the eligibility conditions of the proposed associated electrical contractor, copy of their enlistment documents.*
 - (b) *Valid Electrical Contractor's License*
 - (c) *PAN Card.*
 - (d) *GST Registration.*
 - (e) *Verifiable work completion certificates duly attested by the applicants (Main Contractor) shall be submitted to the concerned Executive Engineer (Electrical), CPWD, Jodhpur, for deciding the eligibility.*
 - (f) *Consent letter from associate agency for executing E&M works in Form-G .*
 - (g) *Proposal for associating agency for E&M component of work shall be submitted in Form-“H” of this tender document from each associate independently for all electrical and mechanical components.*
 - (h) *Affidavit in Form-J*
 - (i) *Willingness Certificate in Form-K*
4. *The Executive Engineer (E) will give approval for associating within 7 days after receipt of proposal from contractor, if submitted documents are found in order.*
5. *Thereafter contractor will have to submit MOU signed with the approved associated agency for this work. The MOU in the enclosed form (Form-I) shall be signed by both the parties i.e. main contractor as 1st party and associated electrical contractor as 2nd party for all electrical and mechanical components and submit the same within 7 days of receipt of*

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approval from Executive Engineer(E&M) or before start of Electrical component of work, whichever is earlier.

6. The main contractor has to enter into agreement with contractor associated by him for execution of this work. Copy of such agreement shall be submitted to Executive Engineer (E&M) in charge of as well as Executive Engineer, in-charge.
7. In the event of the concerned E&M agency (Associated agency) is not performing satisfactorily or failure of associate contractor to complete the E&M work, the main contractor on written directions of the department, shall remove the associate agency deployed on the work and shall submit name of new associate agency who fulfill the conditions mentioned in NIT to execute the left over work without any loss of time or variation in cost to the department. Such associate shall also give an undertaking along with the main tenderer that both of them shall stand guarantee for the equipments already supplied for which payment has been released by the Department, in part. If any equipment supplied for the work, during the currency of the earlier Associate contractor and paid partly by the Dept., becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M work, the main contractor shall be liable for replacement of the equipment(s) at no cost to Department. No change of Electrical Contractor will be allowed without prior approval of the Engineer-in-charge of the work.
8. Materials for all E & M works shall be procured only from the original equipment manufacturers/ authorized dealers of OEM. The contractor shall submit all documentary details in fulfillment of this conditions regarding procurement of materials including relevant test certificates.
8. Executive Engineer (E&M) shall be the Engineer-in-charge as far as electrical works are concerned. Separate tender schedule abbreviated CPWD-7 and Special Conditions for Electrical Work are appended with this tender. It will be obligatory on the part of the contractor/ tenderer to sign the tender documents for all the component parts.
9. The contractor shall be responsible and liable for proper and complete execution of the Electrical and Mechanical component of works.
10. **Before completion of defect liability period of one year, the main contractor has to submit Security Deposit of 5% of the price quoted by him for SITC of LED fittings for the remaining 4 years warranty period in acceptable form i.e. FDR/Bank guarantee if the major contractor executes or obtain from his associated agency and submit the same to the concerned Executive Engineer (E&M). The Security Deposit deducted from the bill so if contractor shall be refunded to the main contractor only after submission of Security Deposit for LED fittings, failing which the Security Deposit against LED fittings shall be deducted from Security Deposit for total work and balance amount only will be refunded after completion of defect liability period. The LED Security Deposit will be released after completion of warranty period of 5 years to the agency, who have submitted the LED Security Deposit**

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11. The associate contractor along with main contractor or his representative shall attend the inspection of the work by the Engineer-in-Charge of E&M works as and when required.

For components of E&M works, the eligibility criteria will be as detailed below:

Sl. No	Component of E& M	Eligibility criteria
1	Electrical Installation.	Eligible enlisted contractor of CPWD in appropriate class & category having valid electrical licence
2	Comprehensive Maintenance & Servicing of D.G.Set	AMC & Servicing of D.G.Set done by OEM t// Authorised Service Centre (Make -Kirloskar)
3	Any other specialized work	As per the above specified qualification criteria with the approval of the engineer-in-charge

- i. If the main contractor fails to associate with agencies for execution of E&M component of work within 10 days of award of work OR before start of E&M component of work whichever is earlier or furnishes incomplete details or furnishes details of ineligible agencies even after the giving sufficient opportunity, the entire scope of such component of work shall be withdrawn from the main agency and the same shall be got executed by the Engineer-in – Charge at the risk and cost of the main agency.
- ii. The main contractor will submit MOU signed with eligible registered composite contractor of CPWD or Specialized agency. The MOU in the enclosed form shall be signed by both the parties' i.e. main contractor as 1st party and associated electrical contractor as 2nd party.
- iii. **The main contractor has to enter into agreement with contractor associated by him for execution of E&M component Having detail of all Technical and Commercial Understanding between the Main Agency and Associated Agency . Copy of such agreement shall be submitted to Executive Engineer (E) in charge of major component.**
- iv. . Tender accepting authority may approve change of agency in case it is required during the currency of contract.
- v. Verifiable completion certificates of the work, registration/ approval documents as the case may be, duly attested by both associated agency and major contractor shall be

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submitted within 10 days of award of work OR before start of E&M component of work which ever is earlier. Valid Electrical Contractor's license, self-attested GST registration documents in respect of the associated agencies as the case may be, duly attested by the applicant shall also be submitted within 10 days of award of work OR before start of E&M component of work which ever is earlier.

Assistant Engineer (E) (P)
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD Jodhpur

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Form- "G"

CONSENT LETTER FROM ASSOCIATE AGENCY FOR E&M WORKS

NAME OF WORK:- *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.*

Agreement No:-

I/We hereby give my consent to associate with M/s....., for executing the minor component of work of..... (Mention category).

I/We will execute the work as per specifications and conditions of the agreement and as per directions of the Engineer-in-Charge for the corresponding E&M work till the completion of the work.

I/We will be responsible for necessary action to hand over the installations and for rectification of defects and repair during the maintenance / warranty period.

Also I/We will employ full time technically qualified Engineer/supervisor for the E&M component of the work as required for the work. I/We will attend inspection of officers of the department as and when required.

Date:

Signature with date of Major component of Associate/E&M Component

Signature with

date

Contractor
Address

Contractor
Address

1. Witness with address

(From major component contractor side)

2. Witness with address

(From E&M component contractor side)

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FORM –“H”

PROPOSAL FOR ELIGIBLE ASSOCIATING AGENCIES FOR E&M COMPONENTS OF WORK

NAME OF WORK: - Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bungalow CPWD) at Jodhpur during 2026-27.

Agreement No:-

I/we here by propose the following agencies as per mentioned against each for executing corresponding E&M component so work. Their consent letter are also attached

Sl.No	Name of Associated Contractor	Category and class of registration	Enlistment copy/completion Certificates attached	Monetary Limit Of work	Validity of registration	Consent letter attached (Yes/No)
1						

Note: Self Attested photo copies of enlistment order, valid electrical contractor license, annual pre-qualification order, work experience certificates of each agency for each component to E&M work shall be submitted.

Signature of contractor

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Form- "I"

Rs.100/- Stamp Paper**MEMORANDUM OF UNDERSTANDING (MOU) FOR ASSOCIATED CONTRACTOR**

M/s. (Name of the firm with full address)

(Henceforth called the Main Contractor)

And

M/s. (Name of the firm with full address)

(Henceforth, called the Associated Contractor)

Name of Work :Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.

NIT No. : 14 /EE(E)/Jodhpur/2026-27

This MoU is made at on
between the (herewith called the main contractor) and
..... (herewith called the Associated contractor).

Whereas the main contractor has agreed to entrust the(mention component of E&M work) work to the associated contractor.

We state that MoU between us will be treated as an agreement and has legality as per Indian Contract Act (amended up to date) and the department (CPWD) can enforce all the terms and conditions of this agreement for execution of the(mention component of E&M work) in respect of above work. Both of us shall be responsible for the execution of(mention component of E&M work) as per the agreement to the extent this MoU allows. In case of any delay in the payment by the main contractor, the associated contractor can apply to the CPWD to release the payment under Clause 7B and deduct the same from the bills of

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the main contractor. In case of any dispute, either of us will go for mediation by the SE and his decision shall be final and binding on both of us.

We have further agreed as under:

1. The Associated Contactor will execute(mention component of E&M work) as per terms and conditions of this agreement.
2. All the machinery and equipment, tools and tackles required for execution of the(mention component of E&M work), as per this MoU, shall be the responsibility of the Associated Contractor.
3. The site staff required for the execution of(mention component of E&M work) work shall be arranged by the Associated Contractor as per terms and conditions of this MoU.
4. All the correspondence regarding execution of the(mention component of E&M work) work shall be done by the department with the main contractor. In case of non-compliance of the provisions of agreement of the work by the associated contractor, the main contractor shall be held responsible and action will be taken against him as per agreement provisions.
5. In case of non-performance, associated contractor will be debarred from participation or association in the CPWD tenders by the CPWD.

(Authorized Signatory)

SIGNATURE OF THE MAIN
CONTRACTOR

Date :

Place :

Witness with address (From main contractor
side

(Authorized Signatory)

SIGNATURE OF ASSOCIATED
CONTRACTOR

Date :

Place :

Witness with address (From Associate
contractor side)

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Affidavit**(For E&M associate agencies)**

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

Signature of Associate Agency with stamp

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Form- K
WILLINGNESS CERTIFICATE

NAME OF WORK: *Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.*

I hereby give my willingness to work as electrical contractor for the specialized work of “_____” in the above mentioned work. I will execute the work as per specifications and conditions for the agreement and as per direction of the Engineer –in Charge. Also, I will engage full time technically qualified supervisor/engineer as per terms & conditions of agreement for this works. I will attend inspections of officers of the department as and when required.

Date: _____

Place: _____

[Signature of the Associate Electrical Contractor]

[Stamp with Address]

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PART – B**GENERAL/SPECIAL CONDITIONS, SPECIFICATIONS AND
SCHEDULE OF WORKS.**

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GENERAL TERMS AND CONDITIONS

Name of Work- Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.

1.0 General

- 1.1 The copy of CPWD General Specifications are readily available in CPWD website www.cpwd.gov.in under the link publication.

1.2 Location:

Work shall be carried out at **CPWD Nirman Bhawan Jodhpur**. The contractor is advised to visit the site of work to have an idea of the execution of the work; failure to do so shall not absolve their responsibility to do the work as specified in agreement. The brief about work is that it consists of renovation work i.e providing internal Electrical Installation work i/c luminaires, , LED Fittings etc. to be carried out in **CPWD Nirman Bhawan Jodhpur**

- 1.3 The work shall be executed as per CPWD General Specifications as follows :-

1. CPWD General Specifications for Electrical Works (Part-1) Internal – 2023, with up to date correction slips upto previous day of last day of submission of bids.
2. CPWD General Specifications for Electrical Works (Part-II) for External 2023 with up to date correction slips upto previous day of last day of submission of bids.
3. CPWD Maintenance Manual 2023
4. CPWD General Specifications for Electrical Works Heating, ventilation & Air conditioning (HVAC) - 2024 with up to date correction slips upto previous day of last day of submission of bids
5. CPWD General Specifications for Electrical Works (Part-VII) for DG Set 2013 with up to date correction slips.

And relevant I.E. Rules, industry standards, BIS/IES and as per directions of Engineer-in-charge. These additional specifications/conditions are to be read in conjunction with above and in case of variations; specifications given in these additional conditions shall apply. However, nothing extra shall be paid on account of these Specific conditions, as the same are to be read along with schedule of works for the work.

- 1.4 The tenderer should in his own interest visit the site and get familiarize with the site conditions before tendering.
- 1.5 No T&P shall be issued by the Department and nothing extra shall be paid on account of this.

2.0 Commercial Conditions**2.1 Type of contract**

The work to be awarded by this tender shall be treated as indivisible works contract.

1.0 Terms of payment

- 1.1 On account payments for part work (after stipulated and statutory deductions) as assessed by the Engineer-in-charge for the applicable items in the Contract shall be payable at part rates not exceeding the percentage indicated against the stages of work.

S.N	Stage of work	Percentage of Rate on Tendered Amount
a	Supply of material at site in good condition	70%

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	along with manufacture's test reports.	
b	On completion of installation in all respect.	20%
c.	Testing, Commissioning & handing over to the department.	10%

For other items, the part rates will be decided by the Engineer-In-Charge of the work and shall be binding on the contractor.

3.2 Security Deposit

Security Deposit shall be deducted from each running bill and the final bill to the extent of 2.5% of the gross amount payable subject to a maximum amount of 2.5% of the tendered value. The security deposit shall be released on the expiry of guarantee period of 12 Months stipulated in the contract. Bank guarantee will not be accepted as security deposit.

3.3 Performance Guarantee

- (a) 5% (Five percent) of tendered value OR Estimated cost Put to Tender (ECPT) (whichever is higher) as per OM NO.DG/CON/Construction 2023/24 dated 27.02.2026.
- (b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount

- 3.4 Income Tax, labourcess& other statutory deductions etc shall be made at source as per the prevalent laws. The deductions of Security Deposit, Income-Tax, GSTetc shall be done after calculation of the above due payments as per clauses 3.1 to 3.3 and net payment shall be reduced accordingly.

4.0 Rates

- 4.1 The rates quoted by the tenderer, shall be firm and inclusive of all taxesincluding GST and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc at site including temporary Maintenance of storage, risks, overhead charges, general liabilities/obligations and clearance from Local Body. However, the fee for the Local Body inspections shall be borne by the department.
- 4.2 The department will not issue Octroi exemption certificate.
- 4.3 The contractor has to carry out maintenance as per manufacturer's standards fora period of 12 months from the date of handing over. Nothing extra shall be paidon this account.

5.0 Completeness of Tender

All sundry equipment, fittings, unit assemblies, accessories, hardware items, foundation bolts, termination lugs for electrical connections and all other items which are useful and necessary for efficient assembly and installation of wall fan and components of the work shall be deemed to have been included in the tender irrespective of the face whether such items are specifically mentioned in the tender documents or not.

6.0 Storage and Custody of Materials

For storage of sundry materials and erection equipments or else the agency has to make his own arrangements. No separate storage accommodation shall be provided by the department. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

7.0 Care of the Building

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Care shall be taken by the contractor while handling and installing the various equipments and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

8.0 Completion Period

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc arrangement of materials & equipments, delivery at site including transportation, installation, testing, commissioning, and handing over the entire system to the satisfaction of the Engineer-in-charge.

9.0 Guarantee

9.1 All equipments shall be guaranteed for a period of as 12 Months from the date of taking over the installation by the department, against unsatisfactory performance and /or break down due to defective design, workmanship or material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got done by the department at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & binding on the contractor.

9.2 The tender shall guarantee among other things, the following: -

- a) Quality, strength and performance of the materials used as per manufacturers standards.
- b) Safe mechanical and electrical stress on all parts under all specified conditions of operation.

10.0 Power Supply

In any case, electricity connection at one point shall be provided by client/department, if available and agreed by client department. However, contractor shall be responsible for arranging power supply and there shall be no obligation from department to make available power supply for execution of work and while quoting, contractor has to keep in mind that power and water has to be arranged by contractor himself at his own cost and included in the quoted rates. No hindrance on account of non-availability of power supply from client department or CPWD shall be considered and contractor shall be responsible for any delay in work on account of above.

11.0 Water Supply

Arrangement of Water supply for testing & for successful installation & completion of the system shall be in the scope of successful firm without any extra cost.

12.0 Acceptable Makes of Various Equipments

The acceptable makes of various equipment's/components/accessories have been indicated in "Make List". The tenderer shall work out the cost of the offer on basis of acceptable makes along with other terms & conditions of contract before quoting the tender. Alternate makes are not acceptable. For makes not available in the contract, contractor shall submit at least three **Reputed make which are already prevalent and approved in other NITs of SE Jodhpur circle for approval by** Engineer-in-charge. Only makes approved in writing by Engineer-in-Charge shall be used at site. Any material brought at site without prior approval of Engineer-in-charge may be rejected, even if the make is available in NIT and contractor shall be responsible for any such rejection of material.

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- 13.0 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of equipment's regarding installation, adjustments operation and maintenance including preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue etc all in triplicate.

14.0 Extent of work

- 14.1 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning, as may be required by the department. The term complete installation shall not only mean major items of the plant and equipments covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender documents in connection with this contract. The site of work is available in existing of **CPWD Nirman Bhawan Jodhpur** The quoted rates shall be deemed to be inclusive of all kind of leads, lifts, clearing of site/jungle and nothing extra shall be paid, whatsoever on such account.
- 14.2 In addition to supply, installation, testing and commissioning of complete installation,, following works shall be deemed to be included within the scope of work to be executed by the tenderer as this is a turnkey job
- Minor building works necessary for installation of equipments, foundation, making of opening in walls or in floors and restoring them to their original condition / finish and necessary grouting etc as required.
 - All supports for cables and MS angles for erection of panels, etc as are necessary.
 - Getting Local Body inspection of fire fighting system , Electrical installation done & obtaining approval. However, necessary fees for inspection shall be borne by the Department.
 - Arrangement of electric supply (Single / Three phase) and water supply for execution and successful commissioning of the system.
 - Small wiring, inter-connection etc inclusive of all materials and accessories, necessary to comply with the regulations as well as proper and trouble free operation of the equipment.
 - Provision of supports/clamps for equipments, cables etc wherever required.
 - Tools and tackles required for handling and installation.
 - Necessary testing equipments for commissioning.
 - Watch and Ward of materials and/or installation and equipments till their handling over to the department.
 - All minor building works, such as equipments foundation if required cutting and making good holes, grouting of channels belts as required. Cutting and making good damages etc.

15.0 Works to be done by the Department

Unless otherwise mentioned in the tender specifications the following works shall carried out by the department.

- To make the site available for the work. The contractor should select such equipment for installation as can be properly installed in the spaces shown in specification drawings. While no guarantee can be given minor modification required by the contractor if mentioned in the tender or intimated immediately after the receipt of tender shall be carried out if structurally possible.

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- 16.0 Exclusion and work to be done by other agencies:
The following shall be excluded from the scope of the work:
a) Major dismantling of any existing building work.
- 17.0 **Inspection and Testing**
- 17.1 All the tests along with copy of Tax paid bills(Duly attested by agency) of the equipments are required to submit alongwith delivery of material.
- 17.2 Exclusion and work to be done by other agencies:
The following shall be excluded from the scope of the work:
a) Major dismantling of any existing building work.
- 17.3 Copies of all documents of routine and type test certificates of the equipment,/cable carried out at the manufacturers premises shall be furnished to the Engineer-in-charge and consignee.
- 17.4 After completion of the work in all respects the contractor shall offer the installation for testing and commissioning.
- 18.0 **Validity**
Tenders shall be valid for acceptance for a period as per major component of work from the date of opening.
- 19.0 Compliance with Regulations and Indian Standards
- 19.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian standards related to the works covered by this specification. In particular, the equipment and installation will comply with the following:
i) Factories Act
ii) Indian Electricity Rules
iii) BIS & other standards as applicable
iv) Workmen's compensation Act
v) Statutory norms prescribed by local bodies, Power supply co., etc.
- 19.2 Nothing in this specification shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.
- 19.3 Successful tenderer shall arrange for compliance with statutory provisions of safety regulations and departmental requirements of safety codes in respect of labour employed on the work by the tenderer. Failure to provide such safety requirement would make the tenderer liable for penalty of Rs. 500/- for each default. In addition, the department will be at liberty to make arrangement for the safety requirements at the cost of tenderer and recover the cost thereof from him.
- 20.0 **Indemnity**
The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, Maintenance and

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putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including their party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

21.0 **Erection Tools**

No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.

22.0 **Cooperation with other agencies**

The successful tenderer shall co-ordinate with other contractors and agencies engaged in the Maintenance of buildings, if any, and exchange freely all technical information so as to make the execution of this work/contract smooth. No remuneration should be claimed from the department for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want of cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the tenderer himself.

23.0 The work will be carried out with least disturbance during shifting & shut downtaken in consultation with the client department.

24.0 **Verification of correctness of equipment at Destination**

The contractor shall have to produce all the relevant records to certify that the genuine equipments from the manufacturers has been supplied and erected.

25.0 **Painting**

This shall include cost of painting of the entire installation.

26.0 **Maintenance**

26.1 Sufficient trained and experienced staff shall be made available to meet any exigency of work during the guarantee period of 1 year from the handing over of the installation.

27.0 **Interpreting specifications**

In the case of discrepancy between the schedule of Items, the specification and/ or the drawings, the following order of preference shall be observed:-

- (a) Schedule of Work.
- (b) Specific Conditions.
- (c) General Terms and Condition.
- (d) Drawings.
- (e) CPWD Specifications.
- (f) NBC – 2026
- (g) Indian Standard Specifications of B.I.S.

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- (h) *Special conditions & additional condition(E&M WORK)*
- (i) *General Terms & Conditions for E&M Work*
- (j) *Special conditions & additional condition mentioned in part-C of NIT*
- (k) *General Terms& Condition mentioned in part-C of NIT*

However, the order of preference provided is in general and higher of specifications available in above documents/acts/codes shall be followed. Contractor is advised to quote the rates accordingly keeping in mind that highest of specification available shall be adopted.

- 28.0 General Terms & Condition, Special conditions & additional condition mentioned in part-B of NIT shall also be applicable for part-C of NIT as well if not specifically mentioned in Part-C of NIT.
- 29.0 For all Extra items OR deviation items payable at market rates, contractor shall submit copy of original Invoice of material along with proof of payment (i.e. RTGS receipt, bank statement etc).
- 30.0 Contractor shall get approval of Makes & Models of material before their use at site. The technical specifications / catalogue shall also be submitted along with submission for approval. In case unapproved material is found to be used /installed at site or kept at site store for installation, department shall not only confiscate such material but also be at liberty to recover cost for removal of material from site from contractors bill.
- 31.0 List of Acceptable makes has been provided in NIT. **For each item to be used at site, contractor shall submit model number for each item of minimum three different make for approval by Engineer-in-charge.** Only approved make & model/material shall be used at site. Any material found at site which has not been approved can be rejected and shall not be paid. Contractor will be solely responsible for non-payment due to use of non-approved material. The submission for material approval shall be minimum two weeks before its use at site.
32. No drawing/technical details submittal shall be accepted through email. Hard copy of drawings duly signed by Contractor's Engineer will only be approved
33. In case of any discrepancy in the size of the items elaborated in the BOQ , the material of next higher size available in the market to that of the size specified in the BOQ shall be provided without any extra cost.
34. If the material specified in the BOQ become non available due to technology advancement or otherwise then the product of better specifications shall be accepted provide there is no functional change of requirement without any extra cost.
35. In case of variation in the light fitting wattage/specifications then the fittings having more lumens per watt shall be preferred and better specification products shall be accepted.
36. In case of any discrepancy/Non availability about the availability of material of requisite specification/size/design as per BOQ the same shall be brought to the notice the deptt. within one week from the publication of bid , otherwise it shall be deemed that the Agency has no objection about the size/design/ specification of the material as depicted in the BOQ . In that case, the item of higher/better specification/size shall be provided during execution without any extra cost and without alteration of the functional requirement.

Assistant Engineer (E) (P)
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD Jodhpur

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GENERAL TERMS AND CONDITIONS FOR E&M WORK

Name of Work – Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.

1. The work shall be carried out as per CPWD specifications and direction of Engineer-in-Charge.
2. All workers will have to follow the strict rules of **CPWD Nirman Bhawan**
3. The contractor has to keep the sensitiveness of site in mind while execution of the work and deployment of staff.
4. The contractor shall submit the details of worker as per scope of work within 7 days of issue of performance guarantee letter. These workers shall be interviewed by AE(E) in charge of work or any other representative authorized by Engineer-in-charge. The contractor can depute this worker only after getting clearance from AE(E). During contract period, in case this worker is not found fit, the contractor will engage substitute within 07 Days. The Staff engaged by the contractor shall have to abide by all the security norms laid by the **CPWD Nirman Bhawan** authorities and permanent address of the worker shall be given in advance to Engineer in-charge for verification and entry pass etc.
5. The contractor is free to change the staff employed by him at the site by giving 15 days notice in advance and the proposed changed staff shall be technically proficient and of sound behavior.
6. The contractor shall provide first aid box facilities for his staff at site in case of failure an amount Rs. 1000/- per month shall be recovered from running bill subject to maximum Rs. 250/-
7. Any damage done to the equipment, Building, during, maintenance shall be the responsibility of the firm.
8. No staff shall leave his duty unless relived by his relievers. Engineer-in-charge reserve the right to retain the staff for next shift if relievers fail to turn up. The OTA applicable in this case shall be borne by the contractor.
9. Only authorized service Engineer and trained staff shall be deputed for repairs/checking of Special Item i.e. D.G.Set.
10. Only authorized service Engineer and trained staff shall be deputed for repairs/checking
10. In case of any staff found absence from duty, the recovery will be made at the following rates from the contractor bill.

a.. Skilled labour/Wireman/Operator/	–	Rs.1836/-per staff/shift.
b. Skilled labour/Khallasi	–	Rs.1386/-per staff/shift.
11. In case not attending one complaints, the recovery will be made at the following rates from the contractor bill.

a) Rs.500/-per complaint

12. In scope of work following staff shall be deputed by contracator with following qualification & experience

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- a) **Wireman cum Pump/DG Set/ CCTV Operator – ITI or equivalent Technical Qualification in Electrician Trade and Minimum 3 year Experience in Maintaining the Internal & External Electrical Installations of Govt Buildings.**
- b) **Khallasi - 10th Passed and Well Versed in Maintaining the Internal & External Electrical Installations of Govt Buildings.**
13. Sundry material such as soap, duster, broom, old dhoti, cotton waste fuse wire, PVC tape, Grease, Test Lamp, Torch, cleaning material etc. required for the work shall be arranged by the contractor with in their quoted rates.
 14. All the installation/equipments shall always be maintained by the contractor in proper working condition i/c cleaning.
 15. No Contractor or his staff shall be allowed to use or shall stay in service centre, pump house, switch room, D G set room and as such other place at site after duty hours.
 16. The contractor will have to arrange his own T & P required for the work within the scope of work. The department will not arrange any T & P and nothing shall be paid on this account.
 17. The contractor will be fully responsible for the conduct of the staff deputed at site. The Engineer in- Charge reserves the right to ask the contractor to remove any of the staff without assigning any reason what so ever Decision of the Engineer-in-Charge shall be final and binding on the contractor.
 18. Conformity with statutory acts, rules, standards and codes All electrical works shall be carried out in accordance with the provisions of Indian Electricity Act, 2003 and Indian Electricity Rules, 1956 as amended up to date. They shall also conform to CPWD General Specification for Electrical Works, part-I (internal, 2023 and Part-II (External), 2023 and Part-IV (Sub Station)2013 as amended up to date.
 19. Safety codes and Labour Regulations:- (a) In respect of all labour employed directly or indirectly on the work for the performance of the contractor's part of work, the contractor at his own expense, will arrange for safety provision as per the statutory provisions, B.I.S. recommendations, factory act, workman's compensation act, CPWD code and instruction issued from time to time. Failure to provide such safety requirement would make the tenderer liable for penalty for Rs. 200/- or as mentioned in schedule F whichever is higher for each violation. In addition the Engineer-in-charge, shall be at liberty to make arrangements and provide facilities as aforesaid and recover the cost from the contractor.
 - a. The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work or wherever necessary so as to avoid accidents. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accidents occurring due to any cause. The department shall not be responsible for any accidents occurred or damaged incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.
 20. The staff employed by the firm for the maintenance works shall wear proper uniform (Shirt, trouser and Safety Shoes). Nothing extra shall be paid on this account. The Monogram/ badges shall be fixed on the uniform. The contractor shall have to arrange for issue of identity cards as per direction of the Engineer in charge for all the staff members deployed within one week of the start of the work at his own cost and also submit two extra

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photographs with full address of each worker for record. If contractor fails to do so, the department shall recover Rs.50/- per day/per person maximum upto Rs.1000/-per month for this default from the monthly bill.

21. Any damage caused due to negligence of contractor during the routine maintenance shall be of firm responsibility. The firm will made good the same within quoted rate.
22. In case of any mis-happening due to any reason, the contractor will be fully responsible for his deputed staff. No claim shall be admissible on this account.
23. The department shall be at liberty to discontinue/cancel the contract/agreement if the work found unsatisfactory without giving any notice in accordance with the above terms and conditions or otherwise, without assigning and reason thereof. Decision of Engineer in charge shall be final and binding on the contractor for which no claim in any account shall be entertained by the department.
24. Shift timings can be changed as per the requirement at site and as per the decision of Engineer in- Charge.
25. The contractor has to carry out the routine / preventative maintenance as per CPWD specification & maintenance manual.
26. The Engineer-in-charge reserves the right to ask the contractor to remove any of the staff without assigning any reasons what so ever. The decision of the Engineer-in-charges shall be final and binding on the part of the contractor.
27. Nothing shall be paid extra on account of cartage of material.
28. The staff, deputed at site, shall carry out the following in course of operation/maintenance work:
 - i. Servicing & up keeping of equipment such as, Control Panel, Busbar, cables, starter, motor, pumping set and associated installation as required in accordance with maintenance, routine & specific as required.
29. Boarding and lodging of the personnel of the contractor will be the responsibility of the contractor. The arrangement will not be permitted inside the campus.
30. All installation shall be kept clean and safe from risk of fire/theft/accidents and damages etc.
31. The Contractor will keep department indemnified against all losses or damage or liability arising out of/or imposed in the context of employment of person by him.
32. The firm must observe all the necessary precautions/measures so that there should not be any breakdown during the meeting/conferences/events. The firm has to attend to any fault immediately or has to provide suitable alternative immediately so that programmes/proceedings should not be disturbed.
33. The Firm /Contractor shall maintain wage record of workers and he should pay **minimum wages** as prescribed/amended by the Labour Department/Ministry Govt. of India. In case wages are revised, firm has to pay revised minimum wages.
34. The contractor will pay the salary through RTGS/online transfer (As per minimum wages in workers bank account and submit the receipt of same to the Engineer-in-Charge. EPF /ESI contribution paid to the contract workers, if any, shall be reimbursed on actual basis on production of proof of payment. Documentary evidence if required shall be submitted to department. Contractor has to make payment of EPF/ESI contribution into workers account by 15th of each month.
35. GST as applicable has been considers in this NIT and if any changes are made in GST rate by Govt. the same shall be effected from date of order.

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36. The recovery such as Income Tax, Cess& GST etc. shall be made from the contractor Bill as per Govt. rules.
37. The rates should be quoted inclusive of all taxes, GST, levies, cartage etc., Nothing extra shall be paid by the department.
38. The payment shall be made to the firm at regular interval such as quarterly. However it may be delayed due to any reason like non-availability of funds, LOC and other unforeseen reasons, the firm shall not claim anything extra in such contingencies but shall continue the work.
39. EPF and ESIC shall be paid by the contractor to the concerned department on demand and it will be reimbursed to him by the Engineer-in-charge after satisfying documentary proof that it has been actually and genuinely paid by the contractor.
40. The contractor staff has also to fill log book as per the prescribed norms of the department & submit the same to the department. The log book, Complaint Register, Attendance Register and other register shall be arranged by the contractor for different locations separately and nothing extra shall be paid on this account.
41. The work shall be carried out strictly in accordance with CPWD specifications for electric works 2023 (internal) and 2023 (external) as amended upto date and also in accordance with Indian Electricity Rules 1956 and Indian Electricity Act 1910 as amended upto date and as per the instructions of the Engineer – in – charge.
42. Staff deployed shall carry identity cards which shall be shown to the security staff on demand. No staff without identity cards shall be allowed to the work. In case of failure, a token penalty @25/-per person per shift shall be imposed and recovered directly from the agency's bill.
43. Additional staff as and when required i/c that for maintenance jobs to be done preferably on Sundays/Holidays/off hour shall be arranged and deputed by the contractor for due performance of jobs nothing extra shall be payable on this account.
44. The contractor shall be responsible to maintain records and furnish data about the mandatory test i/c insulation and earth tests of all the installations as per the CPWD Specifications or rules.
45. Nothing extra shall be payable to the contractor on account of carriage/handing of the materials issued by the deptt. at CPWD store as per terms and conditions.
46. The contractor shall maintain proper record of received of materials issued by the deptt. and also about the use of the same at site as required failing which panel rate recovery against discrepancy if any noticed by the Engineer -in- charge shall be imposed upon the contractor.
47. The contractor shall deploy staff throughout the period of contract including Saturday, Sunday, Gazetted and National Holidays., for which no extra payment will be made by the department.
48. The department will not be a party in event of any dispute between contractor and his staff on legal matters. The contractor is fully responsible for any dispute between him and his labour / staff.
49. The contractor shall bound to abide by all labour laws & shall pay minimum wages as per act under force to the deployed labour latest by 7th day of every month through bank. If payment is not made upto 7th day of every month an amount Rs.100/- per day per person shall be recovered from agencies RA bill for each default subject to maximum of Rs.10,000/- per month.

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50. Attendance for staff deployed shall be marked through **IRIS based** BioMetric machine only. For this purpose supply and fixing of biometric machine at One location shall be provided by Contactor. The attendance of employees shall be marked Two times in a shift through biometric machine. The failure to mark such attendance by the employee shall be considered as absent. Maintaining Bio-matric in good working condition shall be responsible of contractor. In case contractor fails to install bio-matric machine or does not maintaining it in working condition beyond on day, Rs. 50/- Per day shall be recover from R.A. Bill subject to Max of Rs. 1000/- Per Months.
51. Biomatric machine shall be provided by the contractor and nothing extra shall be paid by the department
52. Biomatric attendance shall be verified by the authorized person of the client department and same there be submitted to the Engineer in chage in each running bill.
53. The recovery on account of non-conducting the periodical checks/ test as mentioned in NIT shall be imposed as under:-
- For non-conducting the daily Checks @ Rs. 50/- per day per check.
 - For non-conducting of Monthly checks/ test @ Rs. 2000/- per set of monthly check/ test.
 - For non-conducting of Half Yearly checks/ test @ Rs. 4000/- per set of half yearly check/ test.
 - For non-conducting of Yearly checks/ test @ Rs. 6000/- per set of yearly check/ test.
54. Following Documents are to be submitted by contractor before start of work :-
- List of Personal to be deployed at site.
 - Duty Roster of these Personal.
 - Qualification certificate for above persons.
 - Police Verification
54. Following documents are to be submitted alongwith RA bill without which bill shall not be considered for payment:-
- Copy of attendace sheet/ report of BioMetric machine.
 - Payment slip of workers deployed at site
 - Proof of payment of EPF/ESI of previous month.
 - Service Report for respective system.
- In case above documents are not submitted alongwith RA bill Rs.5000/- per document shall be withheld from running bill which shall be released only after production of these documents.**
55. For maintenance of installation, provisions of NBC-2026, Volume-2, part-12 shall be followed apart from provisions already covered in NIT.
56. If T&P mentioned at schedule 'F' is not found at site and if work requires such T&P same shall be procured by the dept. & cost thus incurred shall be recovered from contractor's bill.

Assistant Engineer (E) (P) Jodhpur
CPWD Jodhpur

Executive Engineer(E&M) Jodhpur
CPWD, Jodhpur

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SPECIAL TERMS & CONDITIONS FOR E&M SERVICES / WORK

1	The contractors are advised to visit O/O Assistant Engineer (E) Jodhpur CPWD to have an idea of Site and Status of E&M installations ; failure to do so will not absolve their responsibility to do the work as specified in agreement. Further all The E&M installations in the Building premises for which Manpower shall be deputed at Site by the contractor for day to day maintenance is deemed to be included in scope of work for attending the complaints .It is re iterated that Agency may visit the Site before quoting the rates .
2	All maintenance as well as repair /addition alteration /modification work will be strictly carried out & followed as per CPWD Maintenance Manual 2023 amendment upto date for all relevant E&M service
3	No T&P shall be issued to the contractor.
4	All the material to be used on this work by the contractor shall be got approved from the Engineer-in-Charge before supplying at site.
5	The bad workmanship will not be accepted and defects shall be rectified at contractor's cost to the satisfaction of the Engineer-in-Charge. The electrical works are to be executed in coordination with the building work and no claim for idle labour will be entertained.
6	All the debris of the works should be removed and the site should be cleared by the contractor immediately after accumulating of debris. Similarly, any rejected material should be immediately cleared off from the site by the contractor and will be dumped at places notified by local authorities.
7	The contractor shall make his own arrangement at his own cost for all tools and plants required for smooth and prompt functioning of work.
8	The contractor will store, at any point of time, at least 10% of stock of material required for comprehensive maintenance /ARMO/ Minor work/ up gradation & Watch and ward of same will be responsibility of contractor.
9	The work shall be carried out in such a manner so as not to interfere or effect or disturb other works, being executed by other agencies, if any. He shall arrange his work with that of the other in an acceptable and coordinated manner and shall perform it, in proper sequence to the complete satisfaction of the Engineer-in-Charge. Any damage done by the contractor to any existing work shall be made good by him at his own cost. Otherwise the same shall be got done at his risk and cost.
10	The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners/ tenants of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and waterways. He shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. Utmost care shall be taken to keep the noise level to the barest minimum so that no disturbance as far as possible is caused to the

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	occupants/users of adjoining buildings.
11	Any damage to the Govt. Property shall be made good by the Contractor and nothing extra shall be paid on this account.
12	The detail of Staff Deployed Shall be Submitted to Engineer In Charge in advance so that the same details can be provided to Client Department for their approval (If any).The character and antecedents of staff employed by the contractor shall be got verified from the police by the contractor.
13	The staff engaged by the contractor should be well behaved, polite and courteous. Any complaints against staff misbehavior should be taken very seriously and such staff should be removed by the contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-charge has the power to cancel the contract and the contractor shall have no right to claim of loss/compensation.
14	Safety of the staff employed will be the responsibility of the contractor. CPWD will not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/accepted by the Department.
15	The work may be assign in restricted area and time due to security reasons. The contractor shall be bound by the instructions of security staff and Engineer-in-Charge in this respect.
16	The contractor shall provide details of Staff to be engaged containing information's like name, father's name, residential address and Date of Birth of staff alongwith recent passport size photograph, residential address and identity proof etc. as may be required.
17	All the complaint registers, log books, Stock Registers, dismantle material registers, Task Registers, workers diary, test result registers or any other record pertaining to work shall be supplied by the contractor and will be maintained by the staff of the contractor which will be handed over to the department on the completion/ termination of the contract.
18	The contractor shall monitor the complaints lodged by the occupants of Various Clients/ Departments, by any mode such as verbally, telephonically, CPWD e-Sewa website etc., by receiving, attending and closing the case with suitable remarks, after duly attending the complaints. Computer & Operator shall be of the firm's responsibility.
19	The scope of work for E&M services as stipulated in NIT may vary or deviated which is deemed in scope of work at the time of execution. The Contractor has to arrange required material and men power accordingly without any additional cost to maintain all the services.
20	Safety of staff will be the responsibility of the contractor as per labour law. The department will not be a party in such litigation in any situation/condition
21	The contractor or his representative is bound to sign the site order book as and when required by the Engineer-in-Charge and to comply with the remarks therein.
22	All staff employed by the contractor should be issued uniform, name badges and identity cards by the contractor. The staff deployed by the contractor should wear neat and clean uniform daily otherwise recovery shall be made @ Rs 100/- per person per day.
23	The contractor shall make his own arrangement for transportation of men & material from one site to another. He will also make necessary arrangements for delivery of material, transportation of dismantled material from site to designated store i/c packing and forwarding and nothing extra shall be paid on this account.

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24	After the expiry of the contract, the firm shall have to hand over complete installation to the department in healthy & proper working /functional order. All defects and deficiencies shall have to be rectified by the firm to the entire satisfaction of Engineer-in-charge failing which, the work shall be got done at the risk and cost of the firm.
	The Contractor shall provide all necessary tools and plants to his workmen nothing extra will be paid on this account.
25	In case any accidents during the Operation / maintenance of the equipment leading to injuries / damages to human beings / equipments and / or loss of life , the contractor shall be fully responsible for settling all claims and indemnify the department against any claim arising out of such accidents.
26	The contractor shall arrange to render efficient services as outlined above. However in case he fails to maintain the services to the satisfaction of the Engineer-in-charge and the department has to incur any expenditure to maintain the installations by alternative arrangement the expenditure thus incurred will be recovered from the contractor, for which decision of the Engineer-in-Charge shall be final and binding.
27	The contractor shall take all precaution for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost
28	If any staff is found unfit for duty due to any circumstances, the contractor shall replace such staff immediately (within 24 Hrs) of reporting by Engineer-in-Charge or his authorized representative.
29	The contractor shall not remove any of his staff deployed at site without the permission of Engineer-in-Charge or his authorized representative. The contractor shall clear all pending dues of all such workman under intimation of which to Engineer-in-Charge or his authorized representative before his removal from work.
30	The multidiscipline skilled labour (i.e. Wireman/Pump Operator/DG Operator /Lift Operator/Fire Technician/AC Plant operator) to be deployed shall have minimum basic knowledge of all above E&M equipments and will be well familiar with the running and operation of all above E&M Services and having 3 years experience. In case of major breakdowns he will report the same to Engineer-in-charge and he will also assist to the specialized agencies engaged for attending of all such breakdowns.
31	All the cleaning material i.e. soap, duster, PVC tape roll etc. shall be arranged by the contractor at his own cost, for cleaning of Electrical Installations & fans, switch gears, DBs, Panels, Water supply pumps, DG Sets, Sub Station Equipments, VRV/VRF, Air-conditioners, UPS, Water Coolers and all other Equipments/ accessories/pipe lines etc. associated with above E&M Services. The contractor shall also be responsible for cleaning of substation rooms, AC Plant rooms, Lift machine rooms, Pump rooms, AHU Rooms etc., If cleaning of installation is not found satisfactory at any time, a recovery of Rs. 500/- per occasion per site shall be made from the bill of contractor.
32	The contractor shall prepare a site wise "fortnightly/Monthly" duty chart with name and duty hours stated therein. The same shall be submitted to the JE (E) / AE (E) concern at least seven

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	days in advance for approval.
33	It shall be entirely the responsibility of the contractor to ensure that no unlawful act is conducted by his persons while on duty. In case any theft/ loss of departmental property takes place due to the negligence or carelessness of his personnel, the contractor will be held responsible to compensate for all such losses. The aforesaid terms and conditions shall be read in conjunction with the general rules and directions for the guidance of Contract form PWD -7/8.
34	The contractor shall provide one valid mobile number at each site & same will be displayed at enquiry office / JE office / Pump Room and Lift and will also be informed to client department. Contractor shall not change the mobile nos. during the stipulated period of agreement. If mobile is found switched off for more than One hour, recovery shall be made @ Rs 100/- per occasion per day.
35	The contractor has to take over the site from JE-in-charge as per the inventory. After completion of work contractor has to hand over the site to J.E. in charge of site. In case the contractor does not sign the inventory within 7 (Seven) days of taking over of site, it will be presumed that the site has been handed over to him as per inventory of site available with concerned JE and no claim for shortage of material / item at the time of handing over back to department will be entertained.
36	The contractor shall make his own arrangement of tools for maintenance of Sub Station/Electrical Installations equipments& one set of minimum following T&P shall always be available at each site of work by the contractor:-
	Test lamp
	Multi Meter
	Lux Meter
	Line tester
	Tongue tester
	Vernier calipers
	Screw Gauge
	Wire gauge
	Measurement tape (3 Mtr/5 Mtr& 15 Mtr.)
	Rubber Gloves of 11 KV
	First Aid box
	Crimping tool kit with die
	Megger (5 kV HT and 500 V LT)
	Digital insulation tester
	Digital earth tester
	Spanner set
	Screw driver set
	L-N Key set
	Blower
	Hammer Drill Machine
	Pipe wrench
	Different size of aluminum ladders for maintenance of street lights, ceiling fans at different heights.
	Plier (Both Normal & nose plier)

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	The above T&P items will be stored by the contractor under his watch and ward at Site and the Items will be taken in use by their deployed workers at site. In case the above items are not available at site then a recovery of Rs. 200/- per day shall be made from the contractor bill.
37	The quantity & item stipulated in schedule of quantity of each work is tentative and indicative hence subjected to variation. Payment of only those quantities will be made which is actually executed at site.
38	The labour deployed at one site can be shifted to other site in same city as per requirement and nothing extra shall be paid on this account.
39	The contractor will keep the account of all the works executed at site / material or spares replaced at site duly verified by the representative of client department & also by CPWD officer not below the rank of JE(E). Payment of all the works / jobs / replacements carried out by the contractor will be made only on the basis of production of record as above.
40	The contractor will execute the work in office / residential areas as per the convenience of occupants of building and nothing extra shall be paid on account of wastage /idle labour for any reasons.
41	The contractor shall maintain separate records of all periodic, breakdown & preventive maintenance work carried out by him in various E&M equipments like DG Set, Sub Station, Electrical Installation, etc.
42	The contractor shall maintain the readings of various measuring instruments in prescribed format. The contractor shall also maintain separate Log Book for each service like Pump Set, DG Set, Air Conditioning System, Lift, Sub Station, Electrical Installation,
43	The contractor shall make suitable standby arrangement of water supply pump set & Air conditioners in case of major break down in existing equipments.
44	The comprehensive and break down maintenance work of specialized services like DG Set, Air Conditioning System, Lift, Sub Station, EPBAX, System etc.(If any) shall be carried out through the OEM of respective equipments or their authorized service agents / channel partners / service vendors only(As per Condition of NIT For Associating Agency for Specialized services). The contractor shall produce authorization certificate of OEM at each occasion in case of service agents / channel partners / service vendors of respective equipment engaged for attending of complaint / maintenance work. A service memo containing the details of works carried out by them during attending of complaint / maintenance work shall be issued by all such OEM of respective equipments or their authorized service agents / channel partners / service vendors whenever visited at site.
45	The contractor shall ensure that any spare part replaced from any E&M equipment shall be of same make which is installed at site or as per the recommendations of OEM / approval of Engineer in charge.
46	The contractor shall also maintain the record of dismantle material at site and dismantle material shall be handed over to him against buy back discount only after due verification by representative of department of the rank not less than JE(E).
47	In case of major break down the staff deployed by contractor at site may be asked to stay beyond their duty hours whenever required and nothing extra shall be paid on account of this.
48	The contractor shall ensure that no water logging take place at site due to the scope of his own work. In case any fine is imposed by local authorities for breeding of dengue etc. will be borne by the contractor.
49	The contractor shall supply the material only as per the attached list of approved makes. For items not covered in this list will be provided only after the approval of Engineer in charge.
50	In case the site of some work may not be available at any stage, the contractor shall make necessary arrangements of labour& material etc. of those sites in accordance to the availability

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	of site in consultation with Engineer in charge only.
51	The complaints lodged shall be attended within 12 Hrs. of lodging. Emergency complaints like leakage of Electric currents, sparking, short circuiting, Fire and No electricity shall be given priority and will be attended within 2 Hrs. of lodging. Failure of which shall attract a penalty of Rs. 500/- per complaint per day. The complaint can be lodged through writing /telephonically /text message/orally shall be treated as registered complaint at the time of communication of same to contractor staff.
52	The sundry material like hole fastners, dash fastners, nuts bolt, screws, washers, fan rubber reel/Fan cotter pin, PVC tape, saddles, tie, clip for wire/cables, mobil oil, grease, gland dori, PVC Seals, Rubber bushes, old dhoti, detergent, cement and sand for minor repairs etc. should be made available by contractor free of cost & nothing extra shall be paid by department on this account.
53	Scope of work includes the Maintenance of CPWD Guest House, Agency after receipt of complaint in night hours/evening hour through telephone/e-mail, shall attend the site within 01 hour and attend the complaint, failing which recovery of Rs. 2000/- per complaint shall be done from bill of contractor. Agency shall ensure availabiling of material in advance as per direction of AE(E)/JE(E) Jodhpur

Assistant Engineer (E) (P) Jodhpur
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SPECIFIC CONDITIONS**A- FOR ELECTRICAL INSTALLATION**

1. All hardware items such as screws, thimbles, G.I. wires etc. which are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same have not been specifically mentioned.
2. All hardware materials such as nuts/bolts/screws/washers etc. to be used in the work shall be zinc/cadmium plated iron.
3. Any conduit which is not be wired by the contractor shall be provided with GI fish wire for wiring by some other agency subsequently. Nothing extra shall be paid for the same.
4. While laying conduit, suitable junction boxes shall be left for pulling the wires.
5. Copper wire shall be FRLS PVC insulated multi-stranded conductor. Termination of multi-stranded conductors shall be done using crimping type thimbles at both the ends. Nothing extra shall be paid for the same.
6. Material to be used in the work shall be ISI marked. The makes of material have been indicated in the list of acceptable makes. No other make will be acceptable. The material to be used in the work shall be got approved from the Engineer-in-Charge before its use at site. The Engineer-in-Charge shall reserve the right to instruct the contractor to remove the material which, in his opinion, is not as per specifications.
7. Where switches/sockets/telephone outlets are to be provided, the same shall be of only one make and GI box shall be of same make as Modular switch/socket.
8. The earthing shall be carried out in the presence of the Engineer-in-Charge or his authorized representative. Earthing shall be accepted only after verification of earth resistance at site by Engineer-in-charge or his authorized representative.
9. All fittings/fans will be earthed as per specifications.
10. Sockets used shall be interlocking shutter type.

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SHOP DRAWINGS & SPECIFICATIONS

1. The Contractor shall submit to the Engineer - in -Charge two copies of Shop Drawings for Electrical work for approval before start of work. Subsequent to the approval of the shop drawings, the Contractor shall submit six copies of Shop Drawings for execution to the Engineer-in-Charge.
2. Shop drawings shall be submitted for the following conditions:
 - (a) Conduit layout plan
 - (b) Layout plan indicating location and heights of all fitting, fixtures
 - (c) Single Line Diagram for Distribution Circuit starting from Main Supply till DBs indicating capacities of components.
3. The Contractor can only commence the work after the approval of above documents by Engineer-In-Charge.

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COMPLIANCE TO MAKE IN INDIA POLICY

1. **Public Procurement (Preference to Make in India) order 2017 issued by competent authority of Government of India shall be implemented during selection of materials and execution of work accordingly. Any Manufacturer if not included in the approved make list, may be considered by the Engineer-in-Charge provided such manufacturers comply the above policy along with their product meeting the specifications and other details of the required item.**
2. All the material supplied by the Agency should be in line with the Make in India guidelines, if there are some makes fulfilling the specifications & Make in India guidelines, then same should be brought to the notice of this office for necessary action.

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List of approved makes to Followed During Execution of Work

S.No.	Details of Materials/Equipment	Manufacturer's name/make
	I.E.I, MCBDB & MCB, Cables and Wires	
1	MCB, Isolator, Industrial Plug Socket, RCCB, RCBO's.	Schneider Electric ACTI-9N/ Legrand(DX3)/L&K(Axora)/Siemens(Betagard)/ABB(SB 200M)/Hager
2	MCBDB & Loose Wire Box.	Legrand (EKINOX3)/ Schneider Electric ACTI-9 /ABB (ITUS)/Siemens (Simbox63)/ Hager (Novello)/ L&K(Axora)/
3	Change Over Switch.	L&T/Havells/HPL/C&S/Legrand/ABB/Hager
4	Automatic Transfer switch(ATS)	Cummins/Asco/Russelectric/ABB/ L.K /GE
5	FRLS PVC insulated copper conductor single core cable for wiring (ISI marked).	Finolex/RR Kabel/ Havells
6	Armoured/Unarmoured telephone cable and Co-axial cable	Delton/Finolex/RR Kabel/Bonton/ Havells
7	MS Conduit (ISI Marked) with Heavy Duty MS conduit pipe Accessories.	BEC/NIC/AKG/RMCON/Steel Krafis
		Note:- All Ms conduit pipe accessories will be same make as that of conduit pipe and will comply to IS/4768 part 2 2003
8	PVC conduit (ISI Marked) with heavy duty PVC conduit pipe accessories	AKG/Norpack/BEC/Polycab/Precision/Finolex/Astrol
9	Modular switch, socket/Telephone socket/cable TV socket/Data outlet socket/fan Regulator/GI Boxes and cover plate, blanking plate, Modular MCB etc.	Legrand (Myrius)/Schneider Electric (Zencelo)/Honeywell (Blenz Pro)/ABB(IVIE)/Wipro (North West Platia)Hager (Insysta)/Havells (Murano)
10	PVC Trunking/DLP Trunking	MK(Honeywell)/Legrand/ Schneider/Hager./OBO Betterman
11	G.I/MS pipe	Tata/Jindal(Hissar)/Prakash Surya
12	Synthetic enamel paint	ICI Dulux/Asian/Nerolac
13	Terminal Blocks and Connectors	Elmex/Wago/Hensel/Connectwell/Essen/L&T
14	Phenolic Laminated Sheet/Bakelite Sheet	Hylam/Formica/Greenlam
15	Cat-6 Cable/Wire & Fiber Optic Cable/CAT 6A	Amp/Avaya/Beldon/Legrand/Delton/Molex/Agilon
16	XLPE insulated PVC sheathed Al./Copper ConductorArmoured/Unarmoured cable of 1.1 KV grade.	Finolex/RR Kabel/ Havells
17	GI/Copper Strip and Earthing material	Bharti/Indiana/Slotco
18	Chemical Earthing	JMV LPSTLtd./PragatiElectrocom/Ecosafe/Duval Messien(Terec)
19	Occupancy Sensor/Lighting Control System	Philips/Schneider/Legrand/Siemens
	Fan & Fittings, Street Lights	
20	LED fittings	Philips/Trilux/ Havells/Lighting Technology/

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		Wipro/Regent
21	Exhaust Fan	Havells/ Usha/Almonard/ Orient/Alstom
22	Ceiling Fan	Havells /Usha/Orient
23	Wall Bracket Fitting(LED)	Havells/Philips/Jaques/Trilux/LT/ Wipro/Decon
24	Lamp/Fluorescent tubes/T5 Fluorescent tubes/LED lamp	Philips/Osram/Havells/ Wipro
25	Geysers	Havells/Racold/AO Smith/Venus/Jaques
26	LED Post Top fitting/street light fitting	Havells/ /Philips /KeselecSchreder/ Lighting Technology/ Osram/ Wipro
27	LED street lights with inbuilt Solar panel and controller	Havells/ /Philips /KeselecSchreder/ Lighting Technology/ Osram/ Wipro
28	Ornamental M.S & CI Pole(Factory Finish)	KeselecSchreder/ Valmont/ Philips/ Wipro/ Crompton greaves/ Bajaj/Transrail
29	Hot Dipped Galvanized Octagonal Pole(Factory Finish)	Crompton Greaves/Phillips/Valmont/Bajaj/ Wipro/Transrail
30	Polycarbonate Junction Box/Enclosure	Hensel/Spelsberg/Naptune-Bals/Sintex
31	High Mast Pole	Bajaj/ / Crompton/ Valmont
	Substation and DG sets	
32	LT panel/Meter panel Board/Outdoor Feeder Pillar/APFC panel(less than 200KVAR)/Bus Duct	Tricolite Electrical Industries/Control & Switchgears Pvt. Ltd./Milestone/Adlec Power Pvt.Ltd./Advance Panels & SwitchgearPvt.Ltd./Schneider/L&T/Siemens/ Sterling & Wilson/Engineers & Engineers/ Precision System control/Neptune/ Conquest/ SPC/Application Control/Johns panel
33	LT panel(TTA Type)	L.K (Model - TERA)/Schneider (Model - Block Set)/ABB(Model - ArTu K)/Siemens(Model- Siepan 8PU)
34	Air insulated rising main	C&S/ L.K /Schneider/Legrand//Godrej
35	Sandwich type bus trunking	C&S/ L.K /Schneider/Legrand/ Godrej
36	Moulded Case Circuit Breaker (MCCB) Thermal Release/ Microprocessor based (Ics=Icu=100%)	Schneider Electric (CVS Series)/Siemens (VJ Series)/L&T(Dsine)/Legrand(DPX3)/ABB(TMAX)/ Hager
37	Power/Aux. Contactor 3/4 pole	Schneider /L.K/BCH/Siemens/Legrand/ABB
38	Potential Transformers/Current Transformer	Automatic Electric/Gilbert & Maxwell/L&T/Kappa/
39	LED type, Indicating Lamps/Push Button.	Schneider/ABB/L.K/Siemens/Vaishno/C&S
40	Overload relays with built in Single Phase Preventer	Schneider Electric /L.K /Siemens/ABB/C&S/BCH/Legrand
41	Conventional/Electronic Digital Meters(A/V/PF/Hz/KW/KWH)	Conzerv/ L.K /Secure/AE/Siemens/Schneider/ABB
42	Timer	Siemens/L.K/Legrand/ABB/Schneider Electric/BCH
43	Fasteners/ GI clamp	Hilti/Fischer/Canon/Wurth
44	D.W. Corrugated HDPE Pipe(ISI marked)	REX/Tirupati/Supreme/Jain Irrigation/
45	Transformer(Oil/Dry type)	ABB/Schneider/Siemens/Areva/ VOLTAMP/ Crompton/Kirloskar/
46	HT Panel/Ring Main Unit	Siemens/ABB/ L.K /Schneider/ Crompton
47	HT Cable (ISI Marked).	CCI/Polycab /Universal/NICCO/KEI/ Finolex/Gloster/

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		Havells
48	HT End Termination/ Cable jointing kit	Raychem/Denson/Cabseal/Safekit/3M
49	ACBs(with display)	Siemens (Sentron 3 WL)/ L.K (U-Power-OMEGA)/ ABB (E maxt 2 / Schneider Electric (Masterpact NW6.0A)/Legrand(DMX-3MP4).
50	Rubber Mat and Electrical Gloves	Raychem/Honeywell
51	Digital multifunction meter	Conzerv/Siemens/Schenider/Legrand/ L.K / C&S
52	Fire Extinguisher (All types)	Minimax/Safex /Ceasefire/Tyco/ Kanex
53	Capacitor & Reactors/APFC Relay	EPCOS/ L.K /DUCATI/ABB/siemens/Schneider/ Legrand
54	Cable Glands Double Compression with earthing links	Baliga Lighting/Comet/Cosmos/Dowell's/Gripwell/ Raychem
55	Bimetallic Cable Lug/Thimble	Comet /Dowell's/Hax Brass(Copper Alloy India)/Schneider/
56	MS/GI cable tray	Schneider/Legrand/MK(Honeywell)/ Pilco/slotco/pasco/MEM/ BEC/ steelways
57	Programmable logic controller(PLC)	Siemens/ L.K /ABB/Allen Bradley
58	Selector Switch & Toggle switch	Salzer (L.K)/Siemens/ Kaycee/Rishabh/ABB/Legrand/Schneider
59	DC Power pack Unit	Statcon/Amara Raja/HBL/Thycon India
60	SMF Battery	Exide/Amara Raja/HBL/Amco
61	IDMT Overcurrent and Earthfault Relay	Areva/ L.K /Siemens/Schneider/ABB
62	UPS(Online/Offline)	Numeric/Eaton/APC/Vertiv/Mitsubishi/Delta/ABB

Note: 1. Only applicable items as per requirement of the tender.

- 2. Department reserves the right to reject any material used without Prior approval from Engineer-in-Charge. No payment shall be made for such rejected material.**
- 3. Public Procurement (Preference to Make in India) order 2017 issued by competent authority of Government of India shall be implemented during selection of materials and execution of work accordingly. Any Manufacturer if not included in the approved make list, may be considered by the Engineer-in-Charge provided such manufacturers comply the above policy along with their product meeting the specifications and other details of the required item.**
- 4. For each item to be used at site, contractor shall submit model number for each item of minimum three different make for approval by Engineer-in-charge**

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Schedule of Work

Name of Work :- Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bungalow CPWD) at Jodhpur during 2026-27.

Item No.	DSR/ MR	Description of Item	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
1		Part-I : Operation and Maintenance				
1.1		Day to day maintenance & upkeep of electrical and mechanical installations/assets i/c Operations of pump set and DG Sets of various capacities installed at following locations on all day i/c Sunday & Holiday as per direction of Engineer-in- Charge deploying following minimum staff at following office buildings as required.				
1.1.1		GPOA Nirman Bhawan & CPWD Guest House, Jodhpur				
1.1.1.1	MR	Wireman cum Operator - 1 No	12	Months	38022.00	456264.00
1.2		Day to day Routine Maintenance of Residential and Non Residential building of Central Government organisations by engaging following workers, on as and when required basis, under the jurisdiction of Jodhpur electrical Sub-division for maintaining building as per provisions included in CPWD maintenance manual. The workers will be required to attend the complaints received through Telephone/email or by any other means clean the area of maintenance free from any debries of building rubbish after attending complaint, get the signature of occupants and its feedback in prescribed format including details of material used in the work and deposit the same along with dismantle to the authorized enquiry clerk/computer operator. The cost of necessary Tools and Plants, accessories such as tester, tape, test lamp, crimping tools, ladder etc. is included in the rates so these need to				

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		be provided by the contractors to the workers and nothing extra shall be paid on account. Worker engaged for less than one day shall be paid on proportionate basis considering 8 hrs for one day Skilled Labour - Wireman Cum Operator (Note :- This Item to be executed for attending complaint of CPWD Guest House in Night shift only)				
1.2.1	MR	CPWD Guest House Jodhpur	25	Per day per worker	1267.40	31685.00
2		Part - II : Material				
2.1		Supplying of following electrical accessories and fixtures required for day to day maintenance complete as terms and condition attached (Note: Nothing shall be paid for fixing components as labour component for fixing is included in item No.1, Payment of these items will be made on the basis of actual consumption being recorded on daily basis)				
2.1.1		Supply, of ceiling fan with Brush Less Direct Current (BLDC) Motor, class of insulation: B, 3 nos. metal(Aluminium alloy) blades, 30 cm long down rod, 2 nos. canopies, shackle kit, safety rope, copper winding, steel/Al body Power Factor not less than 0.9, Service Value (CM/M/W) minimum as below, 350 RPM (tolerance as per IS : 374-2019), THD (Total Harmonic Distortion) less than 10%, suitable for operation with regulator for speed control and all remaining accessories including safety pin, nut bolts, washers, temperature rise=75 degree C (max.), insulation resistance more than 2 mega ohm, suitable for 230 V, 50 Hz, single phase AC Ceiling Fan compliant to IS 374:2019 fan Supply, earthing etc. complete as req.				
2.1.1		1200mm, service value ≥ 6.0 CM/Min/Watt, air delivery 210 CM/Min (Minimum)	10	Each	2271.00	22710.00

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2.1.2	MR	Supply of Heavy duty, 300mm dia exhaust fan with 900 RPM double ball bearing, with energy efficient motor, suitable for 230 volts, single phase including all accessories etc. as required.	5	Each	3069.00	15345.00
2.1.3	MR	Supply of 250 mm sweep decorative fresh air fan with all accessories, suitable for operation for single phase 230 volt 50 Hz AC , etc. as required.	10	Each	1592	15920.00
2.1.4	MR	Supply of LED Recessed/ surface Down lighter (Round/ square/ Rectangular) SMD type of following body material with PMMA and prismatic diffuser and construction as per IS : 10322 with driver as per the requirement with Driver efficiency >85%, Operating voltage AC 140-270 Volt, frequency 50/60 hz, Operating temp range -50C to 400C, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 10% , P. F.≥0.95, IP20, CRI >80,UGR (Unified Glare Rating) < 19, Flicker free (flicker should be below 5%), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K /4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be confirming to relevant BIS standards. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing Complete in all respect etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥105 and <120 lm/Watt output. Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C) Powder coated				

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		die cast /Extruded aluminium Body including trim				
2.1.4.1		12 -15 watt	20	Each	432.00	8640.00
2.1.5	MR	Supply of IP20 10 watt SMD Mid Power LED batten type integrated light fixture made from Powder coated Extruded aluminium housing with in built driver , System lumen efficacy ≥ 110 lm/Watt output, internal surge protection of 2.5 KV with Short & Open circuit protection ,THD < 15% , P. F. ≥ 0.95 , CRI >80 , life time of minimum 50000 Burning Hours with , 70% of intial Lumen maintanad till life ends , CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , Maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.).	10	Each	411.00	4110.00

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2.1.6		LED Batten light (System lumen efficacy ≥ 105 <120 lm/Watt). Supply of LED surface mounted Batten light of following body material and construction as per IS : 10322 with driver (Replaceable) as per the requirement with Driver efficiency >85%, Operating voltage AC 140 270 Volt, frequency 50/60 hz, Operating temp range -5 °C to 40°C, internal surge protection of 2.5 KV with Short & Open circuit protection, THD < 10%, P.F. ≥ 0.95 , IP20, CRI >80, Flicker free, (flicker should be below 5 %), life time (LED, Driver & electrical circuitry), of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K / 4000°K / 5700°K /6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) <3, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard. Manufactures Word Mark/ Name Engraved/ Embossing/ Screen printing on housing. complete in all respect. Shape size and CCT shall be as approved by Engineer-in Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C). (CRCA Sheet Body (Thickness > 0.50 mm)				
2.1.6.1		40 Watt	30	Each	384.00	11520.00
2.1.7	MR	Supply of decorative wall Mounted Wall bracket brushed nickel finish fixture with Globe/Elliptical shape acrylic difusser suitable for 1 Nos (9W - 12W) LED Lamp B22 base i/c providing & Fixing 1 Nos energy efficient LED Lamp (9W-12W) of same make (4000K/5700K/6500K etc)	1	Each	1083.00	1083.00

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2.1.8		Supply of IP65 IK08 rated Integrated SMD Mid power LED 10 W bulk head type light fixture made from Pressure Die Cast Aluminium housing suitable with integral driver, system lumen efficacy ≥ 100 lm/Watt output , THD < 15% ,p.f. ≥ 0.95 ,CRI >80 , life time of minimum 50000 Burning Hours with , 70% of intial Lumen maintaned till life ends , CCT 3000°K / 4000°K / 5700°K /6000°K/6500°K (As per ANSI Bin) , maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.). surge protection 4 KV. .	5	Each	1097.00	5485.00
2.1.9	MR	Supply of IK08 IP65 protected Top/Bottom mounted 40W LED Post top Luminarie made of single piece construction powder coated die cast alluminium housing with UV stabalized Clear / frosted Polycarbonate diffuser and Aluminium anodised . The System level Luminous efficacy 100 Lumen/W. SMD LEDs is to be used, System CRI>70, CCT: 3000/4000/6500/5700 K. The integral electronic driver must be potted & has a unique BIS R number must be potted & has a unique BIS R number constant current and Internal/external surge protection device of min. 4KV(L- N) and efficiency > 85%, PF>0.9, THD<10% and input Voltage range of 140-270V AC at 50Hz. System life of 50000 Burning hours with 70% of Initial Lumens maintained . Driver current <750mA. Fixture must be in compliance with BIS Standards and Trade mark Certificate complete in all respect..				
2.1.9.1		Minimum lumen output 4000 lm Post top Luminarie	3	Each	6305.00	18915.00

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2.1.10		LED Street light fixture, powder coated pressure die cast aluminium body (System lumen efficacy $\geq 105 < 120$ lm/Watt) Supply of Street light LED fixture powder coated pressure die cast aluminium body with driver as per the requirement with Driver efficiency $> 85\%$, Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5°C to 50°C , internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency $> 85\%$, THD $< 10\%$ as per IEC 61000-3-2, P. F. ≥ 0.95 , IP-66, IK-10, CRI > 70 , under voltage and over voltage protection, EMI/EMC As per CISPR -15, lenses for beam angle as per IESNA type I/II/III as per the width of the road and the project requirement., suitable to fit in up to 65mm dia pipe, life time (LED, Driver & electrical circuitry) of minimum 50000 Burning Hours with 70% of initial Lumen maintained till life ends				
2.1.10.1		CCT 3000°K / 4000°K / 5700°K / 6500°K (As per ANSI Bin), SDCM (Standard Deviation Colour Matching) < 5 , Maximum power consumption should not more than the specified rating and fixture shall be of relevant BIS standard complete in all respect with Minimum 5 year OEM warranty. System lumen efficacy $\geq 105 < 120$ lm/Watt output .Shape size and CCT shall be as approved by Engineer-in-Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).				
2.1.10.2		45 watt	18	Each	1041.00	18738.00

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2.1.11		LED Flood Light, powder coated pressure die cast aluminium (System lumen efficacy ≥ 105 <120 lm/Watt). Supply of Flood Light, powder coated pressure die cast aluminium body with built in or separate driver as per the requirement with Driver efficiency >85%, Input voltage: Input voltage: 140-270 Volt AC, frequency 50/60 hz, Operating temp range -5 0C to 50 0C, internal surge protection of 5 KV L,N,E as per IEC 61000-4-5, Driver efficiency >85%,THD < 10% as per IEC 61000-3-2, P. F. ≥ 0.95 , IP-66,IK-10, CRI>70, under voltage and over voltage protection, EMI-EMC as per CISPR -15, lenses for beam angle 30 deg-120deg as per the application and the project requirement., suitable tilt able fitting, life time (LED, Driver & electrical circuitry) of minimum 50000				
2.1.11.1		Burning Hours with 70% of initial Lumen maintained till life ends, CCT 3000°K /4000°K / 5700°K /6500°K (As per ANSI Bin) , SDCM(Standard Deviation Color Matching) <5, Maximum power consumption should not more than the specified rating and Fixture shall be of relevant BIS standard complete in all respect etc. as required with Minimum 5 year OEM warranty. System lumen efficacy ≥ 105 <120 lm/Watt output. Shape size and CCT shall be as approved by Engineer-in Charge as per requirement. (Thermal management: heat sink of aluminium housing such that LED junction temperature shall not rise above 90°C).				
2.1.11.2		150 watt	16	Each	2723.00	43568.00
2.1.12	MR	1.5 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	100	Mtr	23.00	2300.00
2.1.13	MR	4.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	100	Mtr	54.00	5400.00

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2.1.14	MR	6.0 sq. mm ISI marked, FRLS PVC insulated, single core copper conductor cable	50	Mtr	82.00	4100.00
2.1.15	MR	Call bell Ding Dong Type	5	Each	205.00	1025.00
2.1.16	MR	6 A, to 32 A, ratings, SP MCB, "C" curve, 10 KA breaking capacity	10	Each	175.00	1750.00
2.1.17	MR	40Amp DP MCB, 10KA	10	Each	1130.00	11300.00
2.1.18	MR	3 pole MCCB, 63A, 10KA	2	Each	2440.00	4880.00
2.1.19	MR	4 pole MCCB, 100A, 30KA	1	Each	7276.00	7276.00
2.1.20	MR	4 pole MCCB, 125A, 36KA	1	Each	7714.00	7714.00
2.1.21	MR	4 pole MCCB, 200A, 36kA	1	Each	14548.00	14548.00
2.1.22	MR	4 pole MCCB, 250A, 50kA	1	Each	17641.00	17641.00
2.1.23	MR	4 pole MCCB, 400A, 50KA	1	Each	41315.00	41315.00
2.1.24	MR	Fan Capacitor	30	Each	53.00	1590.00
2.1.25	MR	Bell push, modular type	5	Each	80.00	400.00
2.1.26	MR	S.P. 5/6 A, one way modular switch, ISI marked	15	Each	44.00	660.00
2.1.27	MR	S.P. 15/16 A, one way modular switch, ISI marked	15	Each	96.00	1440.00
2.1.28	MR	3 pin 5/6 A modular socket outlet, ISI marked	15	Each	82.00	1230.00
2.1.29	MR	6 pin 15/16 A modular socket outlet, ISI marked	15	Each	136.00	2040.00
2.1.30	MR	Stepped type Modular Fan regulator (2 module)	20	Each	285.00	5700.00
3		SH:- III (Minor Maintenance work, Rewinding Pumps, Cable laying & Services)				
3.1	1.10	Wiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable etc as required.				
3.1.1	1.10.3	Group C	5	Point	1704.00	8520.00

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3.2	1.15	Rewiring for light point/ fan point/ exhaust fan point/ call bell point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.				
3.2.1	1.15.3	Group C	10	Point	1064.00	10640.00
3.3	1.16	Rewiring for twin control light point with 1.5 sq.mm FRLS/HFFR PVC insulated copper conductor single core cable and 1.5 sq.mm. FRLS/HFFR PVC insulated copper conductor single core cable as earth wire in existing surface/ recessed steel conduit including dismantling as required.	5	Point	1064.00	5320.00
3.4	1.17	Supplying and drawing following sizes of FRLS/HFFR PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required.				
3.4.1	1.17.3	3 x 1.5 sq. mm	50.00	Mtr	104.00	5200.00
3.4.2	1.17.21	3 x 4 sq. mm	100.00	Mtr	222.00	22200.00
3.4.3	1.17.30	3 x 6 sq. mm	50.00	Mtr	326.00	16300.00
3.5	MR	Repair/overhauling of Motor pump sets with dismantling the defective one (as required) which comprises of work like motor rewinding including servicing , to & fro transportation from site, replacement of nuts & bolts, testing,commissioning & Re-installation complete etc as required.				
3.5.1	MR	3/5/7.5/10 HP monoblock/submersible pump set	15	Per HP	1268.00	19020.00
3.6	MR	Withdrawing of all capacity submersible pump set with motor with GI pipes from the existing borewell with the help of chain pully block, tripod and supplying clamp i/c dismantalling of GI pipe lengths by opening the nut & bolts, stacking the	2	Each	3907.00	7814.00

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		same etc as reqd				
3.7	MR	Louivering of all capacity submersible pump set with motor with GI pipes from the existing borewell with the help of chain pully block, tripod and supplying clamp i/c dismentalling of GI pipe lengths by opening the nut & bolts, stacking the same etc as reqd	2	Each	4063.00	8126.00
3.8		Supplying of one number XLPE /PVC insulated PVC sheathed armoured aluminium conductor UG cable of 1.1 KV grade Conforming to IS 7098/1988 with upto date amendment of following size etc. as required.				
3.8.1	MR	3 X 16 Sqmm	50.00	Mtr	287.00	14350.00
3.8.2	MR	3.5 X 35 Sqmm	50.00	Mtr	523.00	26150.00
3.8.3	MR	3.5 X 50 Sqmm	50.00	Mtr	697.00	34850.00
3.9	10.5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.				
3.9.1	10.5.1	Upto 35 sq. mm	80.00	Mtr	47.00	3760.00
3.9.2	10.5.2	Above 35 sq. mm and upto 95 sq. mm	40.00	Mtr	72.00	2880.00
3.10	10.6	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing masonry open duct as required.				
3.10.1	10.6.1	Upto 35 sq. mm	15.00	Mtr	36.00	540.00
3.10.2	10.6.2	Above 35 sq. mm and upto 95 sq. mm	10.00	Mtr	58.00	580.00
3.11	10.7	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.				
3.11.1	10.7.1	Upto 35 sq. mm (clamped with 1mm thick saddle)	5.00	Mtr	64.00	320.00

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3.12	11.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required.				
3.12.1	11.1.8	3 X 16 sq. mm (25mm	4	Each	326.00	1304.00
3.12.2	11.1.21	3.5 X 35 sq. mm (32mm)	2	Each	437.00	874.00
3.12.3	11.1.22	3.5 X 50 sq. mm (35mm)	2	Each	484.00	968.00
3.13	15.16	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.				
3.13.1	15.16.1	63 mm dia (OD-63 mm & ID-51 mm nominal)	60.00	Mtr	289.00	17340.00
3.14	MR	Servicing & Overhauling of 1.5 TR/2 TR Split type AC's i/c dismantling the front & side cover of unit, cleaning the finns of cooling coil & condensor coil with cleaning agent like Vemiclean & fresh water, detergent powder, checking all electrical connections & PCB, greasing / oiling fan motor, reassembling the same & testing, commissioning in different rooms at GPOA Office Building etc. as reqd.	100	Each	831.00	83100.00

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3.15	MR	Detection of leakage with liquid soap after filling of nitrogen up to 200 PSI, brazing the refrigerant circuit tubes ie header, suction & discharge line, check valve, safeties i/c suction & liquid line from out door unit to in door unit , repeat Complete presuure testing up to 350 PSI with nitrogen gas for 24 hrs. minimum, detecting the leakage by liquid shop, brazing the refrigerant circuit tubes, vaccumisation up to 20 PSI for minimum of 6 hrs. complete of 1.5/2 TR split/Window A.C. unit installed in different rooms at GPOA Office Builidng etc as reqd.	10	Each	1557.00	15570.00
3.16	MR	Supplying & Topping up-suitable refrigerant gas in Split type A.C. units of 1.5/2 TR Cap. Installed at GPOA Office Builidng i/c brazing, testing & commissioning etc as reqd.	10	KG	1350.00	13500.00
3.17	MR	Annual maintenance Contract of 62.5 KVA DG set (Kirloskar make) complete with 12 nos. preventive visits, unlimited breakdown call visit as whenever required. (Atrictly as per OEM Procedure & Standards (M/S Kirloskar Oil Engine)	12	Month	2192.00	26304.00
3.18	MR	Servicing (B Check) of 62.5 kVA DG set (Kirloskar make) i/c Replacement of Lube oil filter, Lube oil, coolant, Fuel filter set, air filter set, self start servicing, and cleaning of radiator and coolant channel, fan belt, water filter, Gasket, Rocker lever cover, oiling greasing, etc. complete as required.), Alternator & other accessories installed at GPOA Nirman Bhawan Jodhpur	1	Job	13625.00	13625.00

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3.19	MR	Servicing & Testing of 160 KVA Indian Transformers & Electricals make transformer installed in Nirman Bhawan office building Jodhpur including cleaning of a) checking of healthiness of Buchholz realy, Pressure release Valve, winding temp, b) Indicator(WTI), Oil Temp indicator with alarm& tripping, c) Testing of IR Value, d) Transformer Earthing Testing, e) Physical checking i/c cleaning of bushing of transformer, cleaning of masshalling box and others minor service work etc.	1	Job	5883.00	5883.00
3.20	MR	Deydration/filtration of existing Transformer by filtration machine i/c refilling of above, filtered oil and testing equipment for filtration etc complete as required. & direction of Engineer-in- charge.	330.00	Ltr	12.00	3960.00
3.21	MR	Top up of Transformer Oil etc as reqd.	50.00	Ltr	176.00	8800.00
3.22	MR	Testing of BDV value at site on H.T oil testing of complete as required	2	Each	588.00	1176.00
3.23	MR	Supply & changing of Silica gel breather etc as reqd.	1	Job	1765.00	1765.00
4		Part - IV : Credit for dismantled material against part II & III				
4.1	MR	Burn / defective 1200 mm ceiling fan	10	Each	-300.00	-3000.00
4.2	MR	assorted size exhaust Fan	5	Each	-250.00	-1250.00
4.3	MR	assorted size Fresh Air Fan	10	Each	-100.00	-1000.00
4.4	MR	LED batten mirror light, box type tube fitting, Wall Bracket, Downlighter, Bulkhead Fittings	50	Each	-10.00	-500.00
4.5	MR	40/45W post top lantern fitting	3	Each	-80.00	-240.00
4.6	MR	45/60/90 Watt Street light LED fitting	3	Each	-50.00	-150.00
4.7	MR	assorted type 1.5 to 6 sqmm copper pvc insulated wire	2.00	Kg	-500.00	-1000.00
4.8	MR	Call bell	5.00	Each	-2.00	-10.00
4.9	MR	assorted type SP, DP MCB's	10.00	Each	-0.50	-5.00

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4.10	MR	assorted type MCCB's	10.00	Each	-20.00	-200.00
4.11	MR	assorted type switch/sockets/Regulator	80.00	Each	-0.25	-20.00
4.12	MR	assorted Fan Capacitor	30.00	Each	-0.10	-3.00
4.13	MR	Dismantled worn-out materials. (62.5 KVA DG Set)	1.00	job	-1500.00	-1500.00
4.14	MR	Old/wornout 12 V 100 AH D.G.Set battery	1.00	Nos	-1528.00	-1528.00
			Total			1156625.00

Assistant Engineer (E)(P) Jodhpur
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD Jodhpur

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PART – C

SCHEDULES - A TO F, GENERAL/SPECIAL CONDITIONS, SPECIFICATIONS AND SCHEDULE OF QUANTITIES FOR MINOR COMPONENT OF WORK AND STANDARD GCC FOR CPWD-2023 FOR MAINTENANCE WORK AMENDED/ MODIFIED UP TO LAST DATE OF TENDER SUBMISSION.

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ROFORMA OF SCHEDULES A to F (FOR CIVIL COMPONENT)**SCHEDULE 'A'**

Schedule of quantities (as per PWD-3) Schedule attached at **page no. 61-70**

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

SCHEDULE 'E'

Reference to General Conditions of contract : **General Conditions of contract for Central PWD Works 2023 for Maintenance work incorporating all amendments issued upto pervious date of submission of bids.**

Name of work:- **Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.**

Estimated cost of work: **Rs. 7,19,816.00**

(i) Earnest money: As per Major component Rs. --- (to be returned after receiving performance guarantee)

(ii) Performance Guarantee : As per Major component

a) 5% of tendered value or Estimated Cost Put to Tender (ECPT) (whichever is higher).

b) Where the tendered amount is less than eighty percent (80%) of the Estimated Cost Put to Tender (ECPT), the Performance Guarantee, in addition to the requirement under (a) above, shall be increased by an amount equal to the difference between eighty percent (80%) of the ECPT and the tendered amount.

(iii) Security Deposit : As per Major component
2.5% (Two & Half percent) of accepted tendered amount.

SCHEDULE 'F'**GENERAL RULES : & DIRECTIONS**

Officer inviting tender

EE (Jodhpur), CPWD

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3. See below

Definitions:

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2(vi) Engineer-in-Charge .

For Civil Component

EE (Jodhpur), CPWD or his Successor thereof

2(viii) Accepting Authority

As per Major component

2(x) Percentage on cost of materials and labour to cover all overheads and profits

15%

2(x)(b) Standard Schedule of Rates

DSR 2023 modified by multiplying correction Factor of 0.973 as Director General Office Memorandum No. 158/SE(TAS)/GST/2024/02-E Dt. 08-08-2024 & 2022 (E&M) with upto date correction slips issued up to date of receipt of tender & market based items.

2(xi) Department

Central Public Works Department

9(ii) Standard CPWD contract Form GCC 2023, CPWD Form 7/ 8 as modified & corrected upto

Previous date of submission of bids

Clause 1

(i) Time allowed for submission of Performance Guarantee, programme chart (Time and progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board or proof of applying there of from the date of issue of letter of acceptance

As per Major component

(ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided in (i) above (1 to 15 days to be filled by NIT approving authority)

As per Major component

Clause 2

Authority for fixing compensation under clause 2

Superintending Engineer, CPWD, Jodhpur Or successor thereof

Clause 2A

Applicable clause 2/ Clause 2A

Yes

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start Mile stone(s) as per table given below:-

As per Major component

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Sl.No.	Description of Milestone (Physical)	Time Allowed in days (from date of start)	Amount to be with held in case of non achievement of milestone
1.	30% of Financial progress	1 months	1%
2.	60% of Financial progress	2 months	2%
3.	100% of Financial progress	3 months	2%

Time allowed for execution of work.

12 (Twelve) Months.

Clause 5

Authority to decide :

(i) Extension of time

As per Major component

(ii) Rescheduling of mile stones

As per Major component

(iii) Shifting of date of start in case of delay in handing over of site

As per Major component

Clause 5 Applicable Clause 5/ Clause 5A

Clause 5

Clause 6:

Computerised Measure Book (CMB) / Electronic Measurement Book (EMB)

Mode of measurement:

EMB

Clause 7

Gross work to be done together with net payment /adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment In case of correction / rejection /Short documents, it will be mandatory for Engineer-in-charge to give recorded reasons for correction/ rejection / submission of additional documents within seven days after submission of running bill by the contractor.

Rs. 0.60 Lakhs or as mutually agreed by both the parties.

Clause 7A

Whether clause 7A shall be applicable

Yes

Clause 8

Competent Authorities to inspect and issue Completion certificate.

As per Major component

Clause 10A

List of testing equipment to be provided by the contractor at site lab.

Mandatory testing equipment to be provided by the contractor at site as per requirement.

Clause 10B(ii)

Whether Clause 10B (ii) shall be applicable

No

Clause 10C

Applicable

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Component of labour expressed as percent
value of work: =

25%

of

Clause 10CC**Not Applicable**

Schedule of component of other Materials,
Labour etc. for price escalation. Component
of civil (except materials covered under clause
10CA) /Electrical construction value of work
Component of Labour -
expressed as percent of total value of work.

Xm-----Nil-----%**Y-----Nil-----%**

Note : Xm -----.% should be equal to (100) -
(materials covered under clause 10CA i.e.
Steel, POL and other material specified
10CA + Component of Labour)

Cement,
in clause**Clause 11**

Specifications to be followed for
execution of work

Civil: CPWD Specification 2019 (Vol. I
& II) with correction slips upto date of
receipt of tender.

Clause 12

Type of work:		Maintenance work
Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2:		See Below
12.2	Deviation Limit beyond which clauses 12.2 shall apply for building work	No limit

Clause 16

Competent Authority for deciding
reduced rates .

Superintending Engineer, CPWD, Jodhpur
or his Successor thereof.

Clause 18

List of mandatory machinery,
tools & plants to be deployed
by the contractor at site:

As per site requirement

Clause 19 C

Authority to decide penalty for each default

Executive Engineer, CPWD, Jodhpur or
successor thereof

Clause 19 D

Authority to decide penalty for each default

Executive Engineer, CPWD, Jodhpur or
successor thereof

Clause 19 G

Authority to decide penalty for each default

Executive Engineer, CPWD, Jodhpur or

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successor thereof

Clause 19 K

Authority to decide penalty for each default

Executive Engineer, CPWD, Jodhpur or
successor thereof**Clause 25**

I	Conciliator:	SDG, CPWD, Chandigarh Region
ii	Arbitrator appointing authority:	SE, CPWD, Jodhpur
iii	Place of Arbitration:	Jodhpur

Clause 32**"Requirement of Technical Representative (s) and Recovery Rate"**

Sl. No.	Minimum Qualification of Technical Representatives	Discipline	Designation (Principal Technical/ Technical representative)	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
1.	Graduate Engineer or Diploma Engineer	(Civil) (1)	Project Manager planning/ quality Site/ billing Engineer	2 or 5 years respectively	1	Rs. 15,000/- per month per person	Rs. Fifteen Thousand per Month per Person

~~Assistant Engineer retired from Government Services that are holding Diploma will be treated at par with Graduate Engineer.~~

~~Diploma holder with minimum 10 year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.~~

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Clause 38

(i) (a)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates printed by C.P.W.D.	DSR-2023` with correction slips upto issued upto pervious date of receipt of tender
(ii)	Variations permissible on theoretical quantities:	
(a)	Cement For works with estimated cost put to tender not more than Rs. 25 lakh. For works with estimated cost put to tender more than Rs. 25 lakh	3 % plus/minus 2 % plus/minus
(b)	Bitumen for all works	2.5% plus only & nil on minus side
(c)	Steel reinforcement and structural steel section for each diameter, section and category	2 % plus/minus
(d)	All other materials	Nil

ADDITIONAL CONDITIONS FOR CIVIL WORK**1.0 General Conditions for Civil Works**

1.1 The work in general shall be carried out in accordance with the CPWD Specifications 2019 Vol. I to II (corrected/ amended up to previous date of bid submission) hereinafter referred as CPWD Specifications.

1.2 **Order of Preference:** In case of any difference or discrepancy between the description of items as given in the schedule of quantities, specifications for individual items of work, contract conditions and/or I.S. Codes etc., the following **order of preference** shall be observed:

- (i) Description of items as given in Schedule of quantities
- (ii) Particular specifications, if any, for the item in agreement
- (iii) Special conditions, if any, in agreement
- (iv) Additional conditions, if any, in the agreement

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- (v) Tender drawings attached/ issued during execution
- (vi) CPWD Specifications including correction slips up to **previous date of submission of the tender.**
- (vii) General Conditions of Contract 2023 for CPWD **Maintenance works** with correction slips up to **previous date of submission of the tender.**
- (viii) Indian Standards Specifications of B.I.S.
- (ix) ASTM, BS or other foreign origin code mentioned in agreement.
- (x) Manufacturer's specifications for the item, as decided by Engineer-in-charge.
- (xi) Sound Engineering practices or well established local Maintenance practices.

1.3 Source of Material:

- a. *The water for Maintenance work shall be arranged by contractor. In case, contractor takes water from government source free of cost then recovery of 1% water charges shall be made. The contractor shall get the water tested with regard to its suitability of use in the works and get written approval from the Engineer-in-charge before he proceeds with the use of same of execution of works. If the tube well water is not suitable, the contractor shall arrange Municipal water or from any other sources at his own cost and nothing extra shall be paid to the contractor on this account. The water shall be got tested at frequency specified in latest CPWD specifications/BIS code. Contractor may be required to install industrial RO plant at site at his own cost, for treating water for Maintenance purpose.*
- b. *Stone for stone masonry, stone aggregates and stone ballast shall be of hard stone variety, mined from Govt. approved mines. The contractor shall submit source(s) of material along with samples of material from that source. Based on stipulated specifications, source and sample shall be approved by the Engineer- in-Charge. For **Jodhpur Kakani stone** Quarry is approved for aggregates.*
- c. *Coarse and fine aggregates to be used for concrete work, mortar for masonry, plaster etc shall be sourced from Govt. approved mines or manufacturer(s) as approved by Engineer-in-charge. The contractor shall submit source(s) of material along with samples of material from that source. Based on stipulated specifications, source and sample shall be approved*

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by the Engineer- in-Charge. For river sand from *Jodhpur river sand from Binawas, Satlana, Jalore and Bikaner(Raj)* is approved.

- d In schedule of quantity, wherever provision for coarse sand and fine sand is specified in any item, use of washed crushed stone sand or manufactured sand shall also be permissible as per codal provisions. Nothing extra shall be payable or recoverable on this account, over & above the quoted rate(s) of respective item. However decision of the Engineer-in-charge w.r.t. selection of material i.e. natural sand, crushed stone sand, manufactured sand etc. shall be final and binding on contractor.

1.4 Testing of Materials:

(A) Regarding testing of civil & electrical materials, which cannot be tested in site laboratory and/or to be tested at an independent laboratory, the testing of materials shall be conducted in Govt. Laboratory/ Govt. colleges/ IITs/NITs or from the laboratory approved by Engineer-in-charge.

All expenditure to be incurred for testing of the samples including testing charges, cost of sample, packaging, sealing, transportation, loading, unloading etc. shall be borne by the contractor. The contractor shall also make all arrangements for transportation and delivery of samples of materials to the testing laboratory.

B) Laboratory at site :

The contractor shall establish a testing lab at site and provide testing equipment and materials for the field tests mentioned in the list of mandatory tests given in CPWD specifications 2019 Vol. 1 & 2. Nothing extra shall be payable to him on this account.

The representatives of the department shall be at liberty to inspect the testing facilities at site and conduct testing at random in consultation with Engineer in charge. The contractor shall provide all necessary facilities for the purpose. The laboratory shall be equipped, inter alia, with the following equipment:

Not less than 90% tests for material be performed at site lab with above stated equipment's, however at least 10% testing of materials shall be got done from external laboratories. However, for the tests to be carried out by the external laboratories, the

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contractor shall supply free of charge all the materials required for testing, including transportation. If the tests which were to be conducted in the site laboratory are conducted in other laboratories for any the reasons the cost of such tests shall be borne by the contractor.

All the test in field lab setup at Maintenance site shall be carried out by the Engineering staff deployed by contractor which shall be 100% witnessed by JE and 50% of tests shall be witnessed by AE-in-charge. At least 10% of the tests are to be witnessed by the Executive Engineer.

c) Sampling of Materials:

- i) *Sample of building materials fittings and other articles required for execution of work shall be got approved from the Engineer-in-Charge. Articles manufactured by companies of repute and approved by the Engineer-in-Charge shall only be used. Articles bearing BIS certification mark shall be used in case the above are not available, the quality of samples brought by the contractor shall be judged by standards laid down in the relevant BIS specifications. All materials and articles brought by the contractor to the site for use shall conform to the samples approved by the Engineer-in-Charge which shall be preserved till the completion of the work.*
- ii) *The contractor shall ensure quality Maintenance in a planned and time bound manner. Any sub-standard material/work beyond set out tolerance limit shall be summarily rejected by the Engineer-in-Charge. Same shall be removed from the site within the time as directed by the Engineer-in charge at their own cost.*
- iii) *BIS marked materials except otherwise specified shall be subjected to quality test at the discretion of the Engineer-in-Charge besides testing of other materials as per the specifications described for the item/materials. Wherever BIS marked materials are brought to the site of work, the contractor shall if required, by the Engineer-in-Charge furnish manufacturers test certificate to establish that the material produced by the contractor for incorporation in the work satisfies the provisions of BIS codes relevant to the material and/or the work done.*
- iv) *The contractor shall procure all the materials in advance so that there is sufficient time to testing and approving of the materials and clearance of the same before use in work.*
- v) *All materials brought by the contractor for use in the work shall be got checked from the Engineer-in-Charge or his authorized representative of the work on receipt of the same at site before use.*
- vi) *The contractor shall be fully responsible for the safe custody of the materials issued to him even if the materials are in double lock and key system.*

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vii) The Stone aggregate/stone, sand shall be brought from any quarries subjected to the said materials confirm CPWD specifications.

1.5 INSPECTION OF WORK

1.5.1 In addition to the provisions of relevant clauses of the contract, the work shall also be open to inspection by senior officers of CPWD in addition of the Engineer-in-charge and his authorized representative. The contractor shall at times during the usual working hours and at all times at which reasonable notices of the intention of the Engineer-in-charge or other officers as stated above to visit the works shall have been given to the contractor, either himself be present to receive the orders and instructions or have a responsible representative duly accredited in writing, to be present for that purpose.

1.6 RESPONSIBILITY

a. The Contractor shall keep himself fully informed of all relevant acts and laws of the Central & State Governments, orders, decrees of statutory bodies, tribunals having any jurisdiction or authority, which in any manner may affect those engaged or employed and anything related to carrying out the work. All the rules & regulations and bye-laws laid down by District Collector / Municipal Corporation / Urban Development Authority and any other statutory bodies shall be adhered to, by the contractor, during the execution of work. The Contractor shall also adhere to all traffic restrictions notified by the local authorities. The water charges (for municipal water connection as well as tanker water) shall be borne by the contractor. Also, if the contractor obtains water connection for the drinking purposes from the municipal authorities or any other statutory body, the consequent sewerage charges shall be borne by the contractor. All statutory taxes, levies, charges (including water and sewerage charges, charges for temporary service connections and / or any other charges) payable to such authorities for carrying out the work, shall be borne by the Contractor. The Contractor shall arrange to give all notices as required by any statutory / regulatory authority and shall pay to such authority all the fees that is required to be paid for the execution of work. He shall protect and indemnify the Department/ client and its officials & employees against any claim and /or liability arising out of violations of any such laws, ordinances, orders,

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decrees, by himself or by his employees or his authorized representatives. Nothing extra shall be payable on these accounts.

- b. The fee payable to statutory authorities for obtaining the various permanent service connections and Building Use Certificate for the building shall be borne by the Department/ client.
- c. The contractor shall assume all liability, financial or otherwise in connection with this contract and shall protect and indemnify the Department from any and all damages and claims that may arise on any account. The Contractor shall indemnify the Department against all claims in respect of patent rights, royalties, design, trademarks of name or other protected rights, damages to adjacent buildings, roads or members of public, in course of execution of work or any other reasons whatsoever, and shall himself defend all actions arising from such claims and shall indemnify the Department in all respect from such actions, costs and expenses. Nothing extra shall be payable on this account.
- d. No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for his staff in the campus. However, labour camps shall be constructed at site as per General conditions of contract.
- e. No claim of the laborers shall be entertained including that of providing employment, regularization of services etc.
- f. Site Engineer/Supervisor shall carry mobile telephone (s) to enable the Engineer-in-Charge / occupants to have easy and quick communication. Nothing extra shall be paid to the contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.
- g. The staff employed by the contractor should be well behaved and any complaint of misbehavior shall be taken very seriously and such staff will have to be removed by the contractor immediately from the site.
- h. Contractor shall be fully responsible for any damages caused to government property or allottee's property by him or his labour in carrying out the work and shall be rectified by the contractor at his own cost.

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1.7 Specialized Agencies

The tenderer must associate with himself, agencies of the appropriate eligibility to tender for each of specialized nature of items / work listed in the tender documents, individually. Such works shall be got executed only through associated agencies specialized in these fields. The contractor shall submit name(s) of his associated specialized agencies those fulfilling the eligibility criteria laid down in contract document, at least 60 days before commencement of such items / work for the approval of the Engineer in charge whose decision shall be final and binding. If the tenderer himself fulfils the eligibility criteria laid down for associated specialized agencies, then the tenderer shall not require associating with himself the associated specialized Contractor.

It shall be the responsibility of main contractor to sort out any dispute / litigation with the Specialized Agencies without any time & cost overrun to the Department. The main contractor shall be solely responsible for settling any dispute / litigation arising out of his agreement with the Specialized Agencies. The contractor shall ensure that the work shall not suffer on account of litigation/ dispute between him and the specialized agencies / sub-contractor(s). No claim of hindrance in the work shall be entertained from the Contractor on this account. No extension of time shall be granted and no claim what so ever, of any kind, shall be entertained from the Contractor on account of delay attributable to the selection/rejection of the Specialized Agencies.

1.8 SECURITY

- a. *The campus is now occupied. Contractor shall take all measures and precautions so as to cause no inconvenience to the occupants. He shall barricade the Maintenance site / designated area of Maintenance through the barriers as specified in the BOQ and as approved by the Engineer-in-charge. No material shall be stored / dumped outside the designated area.*
- b. *The movement of the Maintenance vehicles and the labours shall be restricted to the designated routes which will be decided by the client.*

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- c. All the vehicles carrying the material to the work site shall be subject to check and entries to be made at the gates by security post. No material shall be taken out without proper gate pass issued by the Engineer-in-Charge or his authorized representative.
- d. Any labour engaged by the contractor shall be in possession of photo ID card failing which they are liable to be disengaged from the work and shall not be allowed to enter into the campus.
- e. In case of any nuisance caused by activities attributed to contractors staff, workmen and movement of vehicle, and reported to CPWD by client (an officer of the rank not lower than EE) commensurate penalty not exceeding Rs. 5000/- for each nuisance shall be imposed on the contractor by CPWD in consultation with client.
- f. The movement of the labour shall be restricted to the barricaded work site area only.
- g. The contractor will take reasonable precaution to prevent his workmen and employees from removing and damaging any flora (plant/vegetation) from the project area.
- h. The Contractor shall be responsible for the watch and ward / guard of the buildings safety, fittings and fixtures provided by him against pilferage and breakage during the period of installations and thereafter till the building is physically handed over to the department. No extra payment shall be made on this account.

1.10 SAFETY PRACTICES

- a) No Entry/exit/roads other than specified by the **Engineer-in-charge** for purpose of Maintenance activities will be allowed to be used for Maintenance activity purposes or movement of trucks/lorries/load-carriers and nothing extra/ delay whatsoever will be accounted for on this part.
- b) The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the students and staff in campus, owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties and any pollution of smoke, streams and water-ways. He shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused thereon by the contractor. All waste or superfluous materials shall be removed by the contractor without any reservation entirely to the satisfaction of the Engineer-in-Charge.
- c) In the event of any restrictions being imposed by the Client, Security, CPWD, Traffic police or any other authority having jurisdiction in the area on the working or

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movement of labour /material, the contractor shall strictly follow such restrictions and nothing extra shall be payable to the contractor on this account.

- d) No inflammable materials including P.O.L shall be allowed to be stored in huge quantity at site. Only limited quantity of P.O.L may be allowed to be stored at site subject to the compliance of all rules / instructions issued by the relevant authorities and as per the direction of Engineer-in-Charge in this regard. Also all precautions and safety measures shall be taken by the contractor for safe handling of the P.O.L products stored at site. All consequences on account of unsafe handling of P.O.L shall be borne by the Contractor.
- e) The contractor shall comply with the safety procedures, norms and guidelines (as applicable) as outlined in the “Maintenance al practices and safety- 2005”, National Building code of India, Bureau of Indian Standards. A copy of all pertinent regulations and notices concerning accidents, injury and first-aid shall be prominently exhibited at the work site. Depending upon the scope & nature of work, a person qualified in first-aid shall be available at work site to render and direct first-aid to casualties. A telephone may be provided to first-aid assistant with telephone numbers of the hospitals displayed. Complete reports of all accidents and action taken thereon shall be forwarded to the competent authorities.
- f) The contractor shall ensure the following activities for Maintenance workers safety, among other measures:
- Guarding all parts of dangerous machinery.
 - Precautionary signs for working on machinery
 - Maintaining hoists and lifts, lifting machines, chains, ropes, and other lifting tackles in good condition.
 - Durable and reusable formwork systems to replace timber formwork and ensure that formwork where used is properly maintained.
 - Ensuring that walking surfaces or boards at height are of sound Maintenance and are provided with safety rails or belts.
 - Provide protective equipment; helmets etc.
 - Provide measures to prevent fires. Fire extinguishers and buckets of sand to be provided in the fire-prone area and elsewhere.
 - Provide sufficient and suitable light for working during night time.

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1.11 PREVENTION OF NUISANCE AND POLLUTION CONTROL

The contractor shall take all necessary precautions to prevent any nuisance or inconvenience to the owners, tenants or occupiers of adjacent properties and to the public in general and to prevent any damage to such properties from pollutants like smoke, dust, noise. The contractor shall use such methodology and equipment so as to cause minimum environmental pollution of any kind during and minimum hindrance to road users and to occupants of the adjacent properties or other services running adjacent/near vicinity. The contractor shall make good at his cost and to the satisfaction of the Engineer-in-Charge, any damage to roads, paths, cross drainage works or public or private property whatsoever caused due to the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be carried away by the contractor, without any reservation, entirely to the satisfaction of the Engineer-in-Charge.

1.12 PROTECTION OF FLORA

The contractor will take reasonable precautions to prevent his workman and employees from removing and damaging any flora (plant/vegetation) from the project area.

1.13 General Cleanliness of site:

- a. *The contractor shall provide for adequate number of garbage bins around the Maintenance site and the workers facilities and will be responsible for the proper utilization of these bins for any solid waste generated during the Maintenance . The contractor shall ensure that the site and the workers facilities are kept litter free. Separate bins should be provided for wet and dry waste and labeled in both Hindi and English with suitable symbols.*
- b. *Contractor should spray curing water on concrete structure and shall not allow free flow of water. Concrete structures should be kept covered with thick cloth/gunny bags and water should be sprayed on them. Contractor shall do water ponding on all sunken slabs using cement and sand mortar. Use of curing compound as per approval of engineer-in-charge in areas where wet water curing not feasible shall be permissible and nothing extra shall be paid for the same.*

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- c. *The Contractor shall remove from site all rubbish and debris generated by the works and keep works clean and tidy throughout the Contract Period. All the serviceable and non-serviceable (malba) material shall be segregated and stored separately. Maintenance waste, malba and other rubbish generated out of execution of work by contractor, shall be disposed of as directed by Engineer in Charge for which no extra payment shall be made to contractor.*
- d. *The contractor shall not stack building material / malba/ muck on the land or road of the local development authority or on the land owned by the others, as the case may be. So the muck, rubbish etc. shall be removed periodically as directed by the Engineer-in-Charge, from the site of work to the approved dumping grounds as per the local byelaws and regulations of the concerned authorities and all necessary permissions in this regard from the local bodies shall be obtained by the contractor. Nothing extra shall be payable on this account. In case, the contractor is found stacking the building material/ malba as stated above, the contractor shall be liable to pay the stacking charges/ penalty as may be levied by the local body or any other authority and also to face penal action as per the rules, regulations and bye-laws of such body or authority. The Engineer-in-Charge shall be at liberty to recover, such sums due but not paid to the concerned authorities on the above counts, from any sums due to the contractor including amount of the Security Deposit and performance guarantee in respect of this contract agreement.*
- e. *The contractor shall take instructions from the Engineer-in-Charge regarding collection and stacking of materials at any place. No excavated earth or building rubbish shall be stacked on areas where other buildings, roads, services and compound walls are to be constructed.*
- f. *The site of work shall be always kept clean due to constraints of space and to avoid any nuisance to the users of buildings in the adjacent plots. The contractor shall take all care to prevent any water- logging at site. The waste water, slush etc. shall not be allowed to be collected at site. It may be directly pumped into the creek with prior approval of the concerned authorities. For discharge into public drainage system, necessary permission shall be obtained from relevant authorities after paying the*

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necessary charges, if any, directly to the authorities. The work shall be carried out in such a way that the area is kept clean and tidy. All the fees/charges in this regard shall be borne by the Contractor. Nothing extra shall be payable on this account.

1.14 PRESERVATION AND CONSERVATION MEASURES

- a. Existing drains, pipes, cables, over-head wires, sewer lines, water lines and similar services encountered in the course of the execution of work shall be protected against the damage by the contractor, at his own expense, for which nothing is payable. The contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services.
- b. All fossils, coins, articles of value of antiquity, structures and other remains or things of geological or archaeological interest discovered on project location during excavation/Maintenance shall be the property of the Government, and shall be dealt with as per provisions of the relevant legislation. The contractor will take reasonable precaution to prevent his workmen or any other persons from removing and damaging any such article or thing. He will, immediately upon discovery thereof and before removal acquaint the Engineer-in-charge of such discovery and carry out the official instructions of Engineer-in-charge for dealing with the same, till then all work shall be carried out in a way so as not to disturb/ damage such article or thing.
- c. Excavated earth shall be property of client and shall not be disposed off without approval of Engineer in charge. Any legal or financial implications resulting out of disposal of earth shall be sole responsibility of the contractor.

1.15 Responsibility during Extreme Weather/Site Conditions:

- (a) The Contractor shall make all necessary arrangements for protecting from rains, fog or likewise extreme weather conditions, the work already executed and for carrying out the further work, during monsoon including providing and fixing temporary shelters, protections etc. Nothing extra shall be payable on this account. Also, no claims for hindrance shall be entertained on this account.

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- (b) In case of flooding of site on account of rain or any other cause and any consequent damage, whatsoever, no claim financially or otherwise shall be entertained notwithstanding any other provisions elsewhere in the contract agreement. Also, the Contractor shall make good, at his own cost, the damages caused, if any. Further, no claims for hindrance shall be entertained on this account.
- (c) The contractor shall be fully responsible for any damage to the work for which the payment has been advanced to him under the contract and he shall make good the same at his risk and cost. The contractor shall be fully responsible for safety and security of his labour, material, T&P, Machinery brought to the site by him.

1.16 RECESS, HOLES, OPENINGS, JOINTS ETC

- a) The contractor shall leave such recesses, holes, openings, etc. as may be required for the electric, air-conditioning and other related works for which inserts, sleeves, brackets, conduits, base plates, clamps etc. shall be payable separately by the department unless otherwise specifically mentioned and the contractor shall fix the same at the time of casting of concrete, stone work & brick work or at any similar location if required, and nothing extra shall be payable on this account.
- b) Chases, holes, etc. shall be done using power operated tools.
- c) Nothing extra shall be paid for core cutting & sealing of joint with approved material (non-shrink grout) for taking out of sanitary/ water supply/ fire-fighting cables, pipes etc. if any,
- d) The Maintenance joints shall be provided in predetermined locations only as decided by Engineer-in-charge. The cost of shuttering for these Maintenance joints shall be included in item of Concrete work / RCC work and nothing extra shall be payable on this account to the contractor
- e) Any cement slurry / epoxy based bonding agent such as Nit bond or equivalent etc. added over base surface for continuation of concreting for better bond is deemed to have been in-built in the items and nothing extra shall be payable.

1.17 SCAFFOLDING / SHUTTERING

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Wherever required for the execution of work, all the scaffolding shall be provided and suitably fixed by the contractor. It shall be provided strictly with steel double scaffolding system, suitably braced for stability, with all the accessories, gangways, etc. with adjustable suitable working platforms to access the areas with ease for working and inspection. It shall be designed to take all incidental loads. It should cater to the safety features for workmen. Nothing extra shall be payable on this account. It shall be ensured that no damage is caused to any structure due to the scaffolding.

Only steel shuttering, unless otherwise specified, with suitably designed steel frame supporting system is to be used in the work. The contractor shall ensure that there shall be no leakage at formwork joints and there shall be no movement at joints or bending of the formwork under pressure of the concrete. Nothing extra shall be paid on this account.

1.18 Other Conditions w.r.t Execution of work:

- a. *The work shall be carried out in accordance with the architectural drawings and structural drawings, to be issued from time to time, by the Engineer-in-Charge. Before commencement of any item of work the contractor shall correlate all the relevant architectural and structural drawings, nomenclature of items and specifications etc. issued for the work and satisfy himself that the information available there from is complete and unambiguous. The figure and written dimension of the drawings shall be superseding the measurement by scale. The discrepancy, if any, shall be brought to the notice of the Engineer-in-charge before execution of the work. The contractor alone shall be responsible for any loss or damage occurring by the commencement of work on the basis of any erroneous and/ or incomplete information and no claim for such work shall be entertained. The work shall be carried out in accordance with the Good for Maintenance Architectural, Civil and Electrical drawings as issued by the Engineer-in-Charge.*
- b. *Before commencement of any item of work the Contractor shall correlate all the relevant architectural, civil and electrical drawings, BOQ items and specifications etc. and satisfy itself that the information available is complete and unambiguous. The Contractor alone shall be responsible for any loss or damage occurring by the*

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commencement and execution of work based on any erroneous and or incomplete information and no claim whatsoever shall be entertained on this account.

- c. The execution of items shall be carried out in accordance to relevant CPWD specifications (amended upto previous date of receipt of tenders). For the items which are not covered under CPWD Specifications, the Particular Specifications / B.I.S. Specifications shall have to be followed. The decision of Engineer-in-Charge shall be final in this regard.*
- d. Wherever any reference is made to any Indian Standard, it shall be taken as reference to the latest edition with all amendments / revision issued thereto upto previous date of receipt of tenders.*
- e. The contractor is required to deploy resources as per availability of site. However no claim will be entertained for idle labour, idle machinery, idle technical/no-technical staff, idle T&P etc.*
- f. The Contractor shall procure the required materials in advance so that there is sufficient time to testing of the materials and clearance of the same before use in the work. The Contractor shall provide at his own cost suitable weighing and measuring arrangements at site for checking the weight / dimensions as may be necessary for execution of work.*
- g. The terms machine batched, machine mixed and machine vibrated concrete used elsewhere in agreement shall mean the concrete produced in concrete batching and mixing plant and if necessary transported by transit concrete mixers, placed in position by the concrete pumps, tower crane and vibrated by surface vibrator /needle vibrator / plate vibrator, as the case may be to achieve required strength and durability.*
- h. PPC Cement shall be used in the work unless there is any reason requiring use of OPC as per approval of Engineer-in-charge.*
- i. No fly ash mixing at site would be allowed. Plants at site.*
- j. Under Special circumstances, contractor can be allowed to procure concrete from RMC plant approved by engineer-in-charge. However, nothing extra shall be payable to the contractor for procurement of concrete from RMC plant over the rates payable for batch mixed concrete.*
- k. Escalation under clause 10 CA shall not be payable on cement consumed in Fly Ash Bricks, AAC blocks.*

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- l. *The work of services will be executed simultaneously. The Contractor shall minimize the scope of making recesses, holes, opening etc. as the same shall be planned in advance and necessary grooves/niches shall be provided in shuttering of RCC.*
- m. *The Contractor shall conduct his work, so as not to interfere with or hinder the progress or completion of the work being performed by other Contractor(s) or by the Engineer-in-Charge and shall as far as possible arrange his work and shall place and dispose of the materials being used or removed, so as not to interfere with the operations of other Contractor simultaneously working or he shall arrange his work with that of the others in an acceptable and coordinated manner and shall perform it in proper sequence to the complete satisfaction of others.*
- n. *Laminates on flush doors shall be machine pressed, preferably in factory. The design and pattern of laminates shall be as per the approval of engineer in charge.*
- o. *The furniture, UPVC door-windows, Aluminum door-windows-framework, shall be factory made.*

1.19 RATES

- a. *The rates quoted by the contractor are deemed to be inclusive of site clearance, setting out work, profile, setting lay out on ground, establishment of reference bench mark(s), installing various signage, taking spot levels, survey with total station, Maintenance of all safety and protection devices, compulsory use of helmet and safety shoes, and other appropriate safety gadgets by workers, imparting continuous training for all the workers, barriers, preparatory works, Maintenance of clean, hygienic and well ventilated workers housings in sufficient numbers as per drawing supplied by Engineer in charge, working during monsoon or odd season, working beyond normal hours, working at all depths, height, lead, lift, levels and location etc. and any other unforeseen but essential incidental works required to complete this work. Nothing extra shall be payable on this account and no extension of time for completion of work shall be granted on these accounts.*

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- b. The rates quoted by the tenderer shall be firm and inclusive of all taxes and levies including GST. Taxes shall be deducted at source as per statutory orders and Govt. rules and regulation, from bill payments to the contractor by Engineer-in-charge.
- c. No foreign exchange shall be made available by the Department for importing (purchase) of equipment, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.
- d. All ancillary and incidental facilities required for execution of work like labour camp, stores, fabrication yard, offices for Contractor, watch and ward, temporary ramp required to be made for working at the basement level, temporary structure for plants and machineries, water storage tanks, installation and consumption charges of temporary electricity, telephone, water etc. required for execution of the work, liaison and pursuing for obtaining various No Objection Certificates, completion certificates from local bodies etc., protection works, testing facilities / laboratory at site of work, facilities for all field tests and for taking samples etc. during execution or any other activity which is necessary (for execution of work and as directed by Engineer-in-Charge), shall be deemed to be included in rates quoted by the Contractor, for various items in the schedule of quantities. Nothing extra shall be payable on these accounts. Before start of the work, the Contractor shall submit to the Engineer-in-Charge, a site / Maintenance yard layout, specifying areas for Maintenance , site office, positioning of machinery, material yard, cement and other storage, steel fabrication yard, site laboratory, water tank, etc.
- e. For completing the work in time, the contractor might be required to work in two or more shifts (including night shifts). No claim whatsoever shall be entertained on this account, not with-standing the fact that the contractor may have to pay extra amounts for any reason, to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour and other statutory bodies regulations and the agreement entered upon by the contractor with them.

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- f. All material shall only be brought at site as per program finalized with the Engineer-in-Charge. Any pre-delivery of the material not required for immediate consumption shall not be accepted and thus not paid for.
- g. Nothing extra shall be payable to the contractor for compliance of various additional conditions, special conditions, general terms & conditions, additional /general specifications, etc. as prescribed in bid document except specifically stated therein, on and above the quoted rate(s) of various items of schedule of quantities (civil as well as electrical work) of the bid document.
- h. Anywhere in the bid document / NIT, BOQ shall mean **Schedule of Quantities**.

1.20 ROYALTY: Contractor shall comply with all statutory rules and regulations w.r.t royalty and other levies and taxes. Royalty at the prevalent rates shall be paid by the contractor or his associate supplier as per State Government rules, on all materials such as boulders, metals, all sizes stone aggregates, brick aggregates, coarse and fine aggregates, moorum, river sand, gravels and bajri etc. collected by him for the execution of the work, directly to the revenue authority of the state government concerned. Further, contractor needs to submit proof of submission of full royalty to the state government or local authority. Nothing extra shall be payable on this account.

1.21 ALL HEIGHTS, LIFTS, LEADS AND DEPTHS

Unless otherwise provided in the Schedule of quantities or in CPWD Specifications or in the tender document, the rates tendered by the contractor shall be all inclusive and shall apply to all heights, lifts, leads and depths of the building and nothing extra shall be payable to him on this account.

1.22 SUBMISSION AND DOCUMENTATION

- a. *The contractor shall make available Three(03) sets of computerized Standard Measurement Books (SMBs) having measurement of all the permanent standing in a building.*
- b. *The contractor will submit computerized measurement sheet for the work carried out by him for making payment as per Clause-6 of the CPWD General Conditions of Contract 2023 (with correction slips upto previous date of submission of tender). For casting of RCC members and other hidden items the corrected and duly test checked measurement sheets of reinforcement or that of other hidden items shall be deposited with Engineer in*

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charge or his authorized representative, before casting of RCC or other hidden items. The delay in submission of corrected and duly checked measurement sheet may, therefore, delay casting of RCC or execution of hidden item for which no hindrance shall be recorded.

- c. **To avoid delay, contractor should submit all samples well in advance so as to give timely orders for procurement.**

1.23 TEMPORARY WATER/ ELECTRICITY/ TELEPHONE CONNECTION

- a. Arrangement of temporary telephone connection, water and electricity required by contractor, shall be made by him at his own cost and also necessary permissions shall be obtained by him directly from concerned authorities, under intimation to the Department. Also, all initial cost and running charges, and security deposit, if any, in this regard shall be borne by him. The contractor shall abide by all the rules/ bye laws applicable in this regard and he shall be solely responsible for any penalty on account of violation of any of the rules / byelaws in this regard. Nothing extra shall be payable on this account.
- b. The contractor shall be responsible for maintenance and watch and ward of the complete installation and water / electricity meter and shall also be responsible for any pilferage, theft, damage, penalty etc.in this regard. The contractor shall indemnify the Department against any claim arising out of pilferage, theft, damage, penalty etc. whatsoever on this account. Security deposit for the work shall be released only after No Dues Certificates are obtained from the local Authorities from whom temporary electric/ water / telephone connection have been obtained by the contractor. Nothing extra shall be payable on this account.
- c. The Department shall in no way be responsible for either any delay in getting electric and/or water and/or telephone connections for carrying out the work or not getting connections at all. No claim of delay or any other kind, whatsoever, on this account shall be entertained from the contractor. Also, contingency arrangement of stand-by water & electric supply shall be made by the contractor for commencement and smooth progress of the work so that work does not suffer on account of power failure or disconnection or not getting connection at all. No claim of any kind whatsoever shall be entertained on this account from the contractor. Nothing extra shall be payable on this account.

1.24 Submission of stamp paper for work contract.

Contractor has to submit stamp paper of required amount i.e. 0.15% of the tender amount or subject to max of Rs.25.00 Lacs as per prevailing order of Government of Rajasthan Finance department (Tax Division) dt. 06-11-2020 or as modified and applicable within 15 days from issue of work order. The total stamp duty amount shall be borne by the contractor.

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ADDITIONAL SPECIFICATIONS

1.0 *Waterproofing*

- 1.1 *In case, contractor does not possess requisite eligibility and experience in water proofing work as per NIT condition, he shall associate specialized agency for water proofing work, duly approved by the Engineer-in-Charge.***
- 1.2 *The water proofing compounds shall be in accordance to approved make of materials annexed in the contract agreement. Contractor shall get the water proofing product and its make approved from Engineer-in-charge. However, this approval shall not exempt the contractor from responsibility for success of water proofing treatment done by him.***
- 1.3 *Total quantity of the water proofing compound required shall be arranged only after obtaining the prior approval of the make by Engineer-in-charge in writing. Materials***

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shall be kept under double lock and key and proper account of the water proofing compound used in the work shall be maintained. It shall be ensured that the consumption of the compound is as per specified requirements.

- 1.4 Specialized labour shall prepare a mock up sample to demonstrate to engineer-in-charge the success of water proofing treatment.
- 1.5 The finished surface after water proofing treatment shall have adequate smooth slope as per the direction of the Engineer-in-charge.
- 1.6 Before commencement of treatment on any surface, it shall be ensured that the outlet drain pipes / spouts have been fixed and the spout openings have been eased and rounded off properly for easy flow off water.
- 1.7 The contractor shall get water proofing work done checked by engineer-in-charge or his authorized representative by flooding of water for sufficient duration as directed by Engineer-in-charge. However, this approval shall not exempt the contractor from responsibility for success of water proofing treatment done by him.
- 1.8 The Contractor, for the work of water proofing, will have to execute a guarantee bond in the prescribed proforma in this bid document for removing any defects in waterproofing done by it in this contract for 10 years after completion of entire work in the contract agreement.
- 1.9 10% of total cost of water proofing item (excluding cost of external plaster on masonry, if water proofing compound added in external plaster also) shall be retained as additional security deposit and the amount so withheld would be released after ten years from the date of completion of the entire work under the agreement. If the performance of the work done is found unsatisfactory and any defects noticed during the guarantee period, they shall be rectified by the Contractor within 10 days of receipt of intimation of defects in the work. If the defects pointed out are not attended to within the specified period, the same will be got done from another Contractor at the risk and cost of the Contractor.

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**SPECIAL CONDITIONS REGARDING ROYALTY OF MATERIALS TO BE USED IN
CONSTRUCTION WORK**

राजस्थान सरकार, खान (ग्रुप-2) विभाग के पत्र क्रमांक प.13(6) खान/ग्रुप-2/80-पार्ट जयपुर, दिनांक 15.11.2011 के अनुसार राजकीय विभागों, स्वायत्तशासी संस्थाओं, राजकीय उपक्रमों में कार्यरत निर्माण ठेकेदारों से निर्माण कार्य में काम आने वाले खनिजों मेसेनरी स्टोन, मिट्टी बोल्टर, बजरी, कंकर, मोरम, साधारण मिट्टी (ईट मिट्टी को छोड़कर) की रायल्टी वसूली के संबंध में।

उपरोक्त विषयांतर्गत पूर्व में जारी किये गये परिपत्र दिनांक 06.10.2008 / 08.10.2008 को माननीय उच्च न्यायालय, जोधपुर द्वारा एस.बी. सिविल रिट सं. 1309/09 में पारित आदेश दिनांक 17.01.2011 से पिटीशनकर्ता द्वारा रायल्टी पेड खनिज प्राप्त कर काम में लिये जाने के बावजूद उक्त परिपत्र अल्पावधि अनुमति पत्र लेने हेतु बाध्य करता है, इस कारण निरस्त किया है तथा परिपत्र को संशोधित कर जारी करने की छूट प्रदान की गई। उक्त निर्णय के प्रकाश में परिपत्र दिनांक 06.10.2008 / 08.10.2008 के अतिक्रमण में राजकीय विभागों, स्वायत्तशासी संस्थाओं, राजकीय उपक्रमों में कार्यरत निर्माण ठेकेदारों से निर्माण कार्य में काम

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आने वाले खनिजों पर देय रॉयल्टी के भुगतान बाबत निम्न प्रक्रिया तय की जाती है। यह प्रक्रिया तुरंत प्रभाव से लागू होगी।

- 1- संबंधित निर्माण विभाग को कार्यादेश की प्रति मय जी-शिड्यूल, जिसमें निर्माण में काम आने वाले खनिजों की मात्रा का विवरण हो (घनमीटर अथवा टनों में), संबंधित खनि अभियंता / सहायक खनि अभियंता कार्यालय में प्रस्तुत करनी होगी।
- 2- ठेकेदार को निर्माण कार्य शुरू करने से पूर्व निम्न में से कोई एक विकल्प संबंधित खनि अभियंता / सहायक खनि अभियंता कार्यालय में शपथ पत्र के साथ प्रस्तुत करना होगा।
 विकल्प-ए :- यदि ठेकेदार अपने स्तर पर खनिजों का खनन करने हेतु अल्पावधि अनुमति पत्र प्राप्त करना चाहता है जिसका कार्य समाप्ति पर अधिशुल्क निर्धारण कराना चाहता है एवं रायल्टी की राशि रनिंग बिलों से कटवाना चाहता है।
 विकल्प-बी :- यदि ठेकेदार अल्पावधि अनुमति पत्र प्राप्त करना चाहता है, परन्तु रायल्टी की राशि रनिंग बिलों से कटाने के बजाय खान विभाग में अल्पावधि अनुमति पत्र प्राप्त करते समय अग्रिम रूप से जमा कराना चाहता है।
 विकल्प-सी :- यदि ठेकेदार सम्पूर्ण खनिज रायल्टी पेड खरीदना चाहता है तथा रनिंग बिल की स्टेज पर निर्धारण के लिए रायल्टी भुगतान का समुचित रिकॉर्ड प्रस्तुत करेगा।
 विकल्प-डी :- यदि ठेकेदार विकल्प बी व सी को सम्मिलित रूप से काम में लेना चाहता है।
- 3- ठेकेदार द्वारा उपरोक्त बिन्दु संख्या 2 के अनुसार विकल्प प्रस्तुत कर दिये जाने पर संबंधित खनि अभियंता / सहायक खनि अभियंता द्वारा इसकी सूचना निर्माण विभाग को दी जायेगी एवं निर्माण विभाग विकल्पों के अनुसार, नीचे दी गई व्यवस्था के अनुरूप, रायल्टी वसूली बाबत कार्यवाही करेगा।
- 4- विकल्प-ए के ठेकेदारों के प्रथम बिल पारित करने के पूर्व निर्माण-विभाग खनि अभियंता / सहायक खनि अभियंता द्वारा जारी अल्पावधि अनुमति पत्र की प्रति प्राप्त करेगा, अन्यथा बिल का भुगतान नहीं किया जायेगा। ऐसे ठेकेदारों के रनिंग बिलों से रायल्टी की कटौती निम्नानुसार निर्धारित दर से की जाकर चेक अथवा महालेखाकार के यहाँ समायोजन के माध्यम से मय कटौती विवरण के जमा करानी होगी -

1- सड़क निर्माण (वाइडनिंग सहित)	3%
2- भवन निर्माण	2%
3- सड़क नवीनीकरण	1.5%
4- अन्य कार्य जिनमें खनिज का उपयोग होता हो	1%

उक्त विकल्प के ठेकेदार यदि अतिरिक्त राशि जमा हो जाने के कारण रिफण्ड चाहते हैं तो उन्हें निर्माण कार्य समाप्ति के 30 दिवस की अवधि में अपना रिकॉर्ड यथा काम में लिये गये खनिज का ब्यौरा (निर्माण विभाग से प्रमाणितशुदा) खनिज प्राप्त किये जाने का स्त्रोत, उसके बिल/रवन्ना/अधिकृत ठेकेदार की रायल्टी पर्ची जिनमें निर्माण विभाग के ठेकेदार का नाम अंकित हो, अधिशुल्क निर्धारण हेतु खनि अभियंता / सहायक खनि अभियंता कार्यालय में प्रस्तुत करने होंगे। उक्त 30 दिवस की अवधि में रिकॉर्ड प्रस्तुत नहीं करने पर निर्माण विभाग द्वारा रनिंग बिलों से काटी गई राशि को अंतिम माना जायेगा।

- 5- विकल्प-बी के ठेकेदारों को अल्पावधि अनुमति पत्र प्राप्त करते समय खनिज की रायल्टी संबंधित खनि अभियंता / सहायक खनि अभियंता कार्यालय में जमा करानी होगी। निर्माण विभाग द्वारा ऐसे ठेकेदारों

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के रनिंग बिल कटौती किये बगैर पारित किये जा सकेंगे, परन्तु अंतिम रनिंग बिल खनि अभियंता / सहायक खनि अभियंता से अनापत्ति प्राप्त किये बिना पारित नहीं किया जायेगा।

- 6- विकल्प-सी के ठेकेदारों द्वारा संबंधित रनिंग बिल तक काम में लिये गये खनिज का ब्यौरा (निर्माण विभाग से प्रमाणितशुदा), खनिज प्राप्त किये जाने का स्त्रोत उनके बिल/रवन्ना/ अधिकृत ठेकेदार की रायल्टी पर्ची जिनमें निर्माण विभाग के ठेकेदार का नाम अंकित हो, अधिशुल्क निर्धारण हेतु खनि अभियंता / सहायक खनि अभियंता कार्यालय में प्रस्तुत करने होंगे। खनि अभियंता / सहायक खनि अभियंता द्वारा अधिशुल्क निर्धारण आदेश जारी कर दिये जाने पर निर्माण विभाग द्वारा संबंधित रनिंग बिल पारित किया जा सकेगा, परन्तु अंतिम रनिंग बिल खनि अभियंता / सहायक खनि अभियंता द्वारा अनापत्ति प्राप्त किये बिना पारित नहीं किया जायेगा।
- 7- विकल्प-डी के ठेकेदारों को अल्पावधि अनुमति पत्र प्राप्त करते समय खनिज की रॉयल्टी संबंधित खनि अभियंता / सहायक खनि अभियंता कार्यालय में जमा करानी होगी। रायल्टी पेड प्राप्त किये गये खनिज का ब्यौरा (निर्माण विभाग से प्रमाणितशुदा), खनिज प्राप्त किये जाने का स्त्रोत उनके बिल / रवन्ना / अधिकृत ठेकेदार की रॉयल्टी पर्ची जिनमें निर्माण विभाग के ठेकेदार का नाम अंकित हो, अधिशुल्क निर्धारण हेतु खनि अभियंता / सहायक खनि अभियंता कार्यालय में प्रस्तुत करने होंगे। खनि अभियंता / सहायक खनि अभियंता कार्यालय में प्रस्तुत करने होंगे। खनि अभियंता / सहायक खनि अभियंता द्वारा अधिशुल्क निर्धारण आदेश जारी कर दिये जाने पर निर्माण विभाग द्वारा संबंधित रनिंग बिल पारित किया जा सकेगा, परन्तु अंतिम रनिंग बिल खनि अभियंता / सहायक खनि अभियंता से अनापत्ति प्राप्त किये बिना पारित नहीं किया जायेगा।
- 8- BOT/BOOT के तहत होने वाले निर्माण कार्यो अथवा जिन निर्माण कार्यो के बिलों का भुगतान किसी भी विभाग द्वारा नहीं किया जाता है, उसमें विकल्प-ए, सी एवं डी लागू नहीं होगा, इनकी बजाय विकल्प-बी लागू होगा।
- 9- कार्य समाप्त होने पर निर्माण विभाग द्वारा ठेकेदार द्वारा उपयोग की गई खनिज की वास्तविक मात्रा का विवरण तथा काटी गई रायल्टी राशि का ब्यौरा संबंधित खनि अभियंता / सहायक खनि अभियंता को देना होगा।
- 10- यदि निर्माण विभाग द्वारा उक्तानुसार प्रक्रिया का पालन नहीं किया गया अथवा ठेकेदार द्वारा अवैध रूप से खनिज का उपयोग किया गया है तो खनिज की दस गुणा रायल्टी वसूली योग्य होगी, जिसको जमा कराने की जिम्मेदारी संबंधित निर्माण विभाग की होगी। संबंधित खनिज अभियंता / सहायक खनि अभियंता एमएमसीआर, 1986 के नियम 66 तथा भू-राजस्व अधिनियम के प्रावधानों के अनुसार उक्त राशि वसूल कर सकेगा।
- 11- ठेकेदार द्वारा प्रतिबंधित क्षेत्रों जैसे चारागाह भूमि, केचमेंट एरिया, वन / अभ्यारण्य / राष्ट्रीय उद्यान तथा उनके सेफ्टी जोन क्षेत्र, विभिन्न न्यायालयों द्वारा प्रतिबंधित क्षेत्रों में खनन कार्य नहीं किया जायेगा एवं स्वीकृत खनन पट्टा / लाईसेंस क्षेत्र में या किसी खातेदारी भूमि में बगैर पट्टाधारी / लाईसेंसधारी या संबंधित खातेदार की लिखित सहमति के बिना खनन कार्य नहीं किया जायेगा। इस बाबत अल्पावधि अनुज्ञापत्र का आवेदन पत्र पेश करते समय ही शपथ पत्र देना होगा।
यह परिपत्र वित्त (राजस्व डिवीजन) विभाग की आर्ड डी संख्या 101101210 दिनांक 30.10.2011 की सहमति से जारी किया जाता है तथा इस विषय में राजस्व सरकार द्वारा माननीय सर्वोच्च न्यायालय में दायर की गई एसएलपी पर होने वाले निर्णय के अध्यधीन रहेगा।

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राजस्थान सरकार, खान (ग्रुप-2) विभाग के पत्र क्रमांक प.13(6) खान/ग्रुप-2/80-पार्ट जयपुर, दिनांक 18.10.2012 के अनुसार इस विभाग के समसंख्यक परिपत्र दिनांक 15.11.2011 के बिन्दु संख्या 6 में आंशिक संशोधन किया जाता है कि इस बिन्दु में वर्णित रॉयल्टी पेड खनिज प्राप्त करने वाले ठेकेदारों के अधिशुल्क निर्धारण प्रत्येक रनिंग बिल व अंतिम बिल की स्टेज पर किये जाने की बजाय प्रथम रनिंग बिल की स्टेज एवं अंतिम बिल की स्टेज पर ही किये जाए।

इसके अलावा उक्त परिपत्र के बिन्दु संख्या 8 को निम्नप्रकार प्रतिस्थापित किया जाता है :-

"BOT/BOOT के तहत होने वाले निर्माण कार्य, जिनमें बिलों का भुगतान निर्माण विभाग द्वारा संवेदक को नहीं किया जाता है, उनमें विकल्प-ए लागू नहीं होगा, विकल्प-बी लागू होगा, विकल्प-सी एवं विकल्प-डी इस शर्त के साथ लागू होंगे कि कार्य समाप्ति पर संवेदक द्वारा निर्माण विभाग से खनिज की मात्रा का विवरण प्राप्त किया जाकर अधिशुल्क निर्धारण हेतु बिन्दु संख्या 4 में वर्णित दस्तावेज खनि अभियंता को प्रस्तुत करने होंगे एवं खनि अभियंता द्वारा रायल्टी की अदेयता का प्रमाण-पत्र जारी किया जावेगा। निर्माण विभाग द्वारा संवेदक को टोल वसूली अधिकार पत्र / कार्य पूर्ण का प्रमाण पत्र तब तक जारी नहीं किया जावेगा, जब तक संवेदक खनि अभियंता से रॉयल्टी की अदेयता का प्रमाण पत्र प्राप्त कर प्रस्तुत नहीं कर दें।

राजस्थान सरकार, खान (ग्रुप-2) विभाग के पत्र क्रमांक प.13(6) खान/ग्रुप-2/80-पार्ट जयपुर, दिनांक 09.01.2013 के अनुसार इस विभाग के समसंख्यक परिपत्र दिनांक 15.11.2011 में निर्माण विभाग के ठेकेदारों से खनिजों पर रायल्टी वसूली एवं परमिट के संबंध में व्यवस्था की गई है, जिसमें आंशिक संशोधन परिपत्र दिनांक 18.10.2012 से किया गया है। उक्त के क्रम में परिपत्र दिनांक 15.11.2012 में बिन्दु संख्या 12 निम्न प्रकार जोड़ा जाता है :-

"12. जो ठेकेदार रायल्टी पेड खनिज प्राप्त कर निर्माण कार्य सम्पादित करना चाहते हैं, परन्तु प्रथम या अंतिम रनिंग बिल की स्टेज पर अधिशुल्क निर्धारण नहीं करवाना चाहते हैं, उन्हें विकल्प 'ई' के रूप में वर्गीकृत किया जाकर उनके अंतिम बिल से रायल्टी की कटौती निम्नानुसार निर्धारण दर से की जाकर चेक अथवा ए0जी0 एडजेस्टमेंट के माध्यम से खान विभाग के आय मद में जमा करवाई जाए :-

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1- सड़क निर्माण / वाइडनिंग एवं भवन निर्माण कार्य 3%

2- रिपेयरिंग एवं अन्य कार्य 1.5%

उक्त विकल्प लेने वाले ठेकेदारों को कार्य शुरू करने से पूर्व एक शपथ पत्र निर्माण विभाग में देते हुए प्रति खान विभाग को पृष्ठांकित किया जाना होगा कि वे अवैध खनन से खनिज प्राप्त नहीं करेंगे एवं खान विभाग द्वारा खनन स्रोत एवं परिवहन पर अवैध खनन निर्गमन के विरुद्ध की जाने वाली कार्यवाही पर किसी प्रकार की उजरदारी उनके द्वारा प्रस्तुत नहीं की जायेगी।

उक्त विकल्प BOT/BOOT ठेकेदारों द्वारा लिये जाने पर उन्हें कार्य की कुल लागत का उपरोक्त दरों से राशि खनि अभियंता कार्यालय में तीन समान किस्तों में कार्य समाप्ति से पूर्व जमा करानी होगी। निर्माण विभाग द्वारा कार्य की अंतिम संशोधित लागत से खनि अभियंता को अवगत कराया जाएगा तथा तीनों किस्त जमा हो जाने के खनि अभियंता द्वारा सत्यापन किये जाने पर बिन्दु संख्या 8 अनुसार निर्माण विभाग के अभियंता द्वारा टोल वसूली अधिकार पत्र / कार्य पूर्णता प्रमाण पत्र जारी किये जायेंगे।

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राजस्थान सरकार
खान एवं पेट्रोलियम (गृह-2) विभाग

जयपुर, दिनांक

22 DEC 2021

क्रमांक: प.9(3)खान/गृह-2/2019

परिपत्र :-

राजकीय निर्माण कार्य में प्रयुक्त होने वाले खनिजों हेतु एस.टी.पी. प्राप्त करने एवं रॉयल्टी जमा कराने के संबंध में राजस्थान अधिनियम खनिज रियायत नियमावली 2017 के नियम-51 है जो संक्षिप्त में निम्नानुसार है:-

1. निर्माण ठेकेदार द्वारा संबंधित खनिज अभियन्ता/सहायक खनिज अभियन्ता को कार्यदेश एवं जी शिड्यूल की प्रति सहित एस.टी.पी. हेतु अपेक्षा किया जायेगा एवं नियम-51 (9) में दिये गये चार विकल्प में से किसी एक विकल्प का चयन कर एस.टी.पी. जारी जायेगी। यह विकल्प निम्नानुसार है:-

- रॉयल्टी इत्यादि की कटौती रनिंग बिलों से करवाई जायेगी तथा कार्य समाप्ति पर निर्माण विभाग से खनिज उपयोग मात्रा का प्रमाण पत्र सम्बंधित खनिज अभियन्ता/सहायक खनिज अभियन्ता को प्रस्तुत कर अधिशुल्क निर्धारण करवाया जायेगा एवं नोड्यूल प्राप्त करेगा।
- रॉयल्टी इत्यादि की राशि सम्बंधित खनिज अभियन्ता/सहायक खनिज अभियन्ता को अग्रिम जमा कराई जायेगी एवं कार्य समाप्ति पर निर्माण विभाग से खनिज उपयोग मात्रा का प्रमाण पत्र सम्बंधित खनिज अभियन्ता/सहायक खनिज अभियन्ता को प्रस्तुत कर अधिशुल्क निर्धारण करवाया जायेगा एवं नोड्यूल प्राप्त करेगा। नेशनल/मेन साईवे, चर/छः लेन सड़के व रेलवे के निर्माण एवं मरम्मत कार्य हेतु यह विकल्प ही लागू है।
- रॉयल्टी पेड खनिज कय कर काम में लिया जायेगा एवं कार्य समाप्ति पर निर्माण विभाग से खनिज उपयोग मात्रा का प्रमाण पत्र सम्बंधित खनिज अभियन्ता/सहायक खनिज अभियन्ता को प्रस्तुत कर अधिशुल्क निर्धारण करवाया जायेगा एवं नोड्यूल प्राप्त करेगा।
- रॉयल्टी पेड खनिज प्राप्त किया जायेगा किन्तु एरोसनेट नहीं करवाना चाहता है एवं रनिंग बिलों से निर्धारित प्रतिशत राशि की कटौती करवायेगा।

2. निर्माण विभागों का दायित्व है कि रनिंग बिलों के समय खनिज का उपयोग रॉयल्टी भुगतान कर काम में लिया जाने प्रारंभ कर अथवा खनिज का उपयोग ना होने देंगे। खान विभाग के परिपत्र क्रमांक प.9(6)खान/गृह-2/90 पार्ट दिनांक 15-11-2011 के अनुसार निर्माण विभाग द्वारा प्रक्रिया का पालन नहीं करने या अवैध रूप से खनिज का उपयोग होने पर खनिज की 10 गुणा रॉयल्टी जमा कराने की दिनिवारी सम्बंधित निर्माण विभाग की होगी, जो एक आर. एक्ट के तहत वसूल की जा सकेगी।

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उपरोक्त विभागीय प्राक्धानों के अनुसार केवल राजस्थान अप्रधान खनिज रियायत नियमावली, 2017 के नियम 51(9)(iv) में जारी होने वाले एस.टी.पी. में ही निर्माण विभाग को अंतिम बिल पारित करने के लिये सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता के नो-ड्यूज की आवश्यकता नहीं है, बाकी सभी विकल्पों में नो-ड्यूज प्राप्त किये बगैर अंतिम बिल पारित नहीं किया जा सकता।

विगत वर्षों में महालेखाकार अंकक्षण दल द्वारा एस.टी.पी. के प्रकरणों में काफी आक्षेप गठित किये गये हैं तथा विभाग को भी एस.टी.पी. के प्रकरणों को निपटाने में कई परेशानियों का सामना करना पड़ता है, जिनमें से मुख्यतः यह है कि:-

1- सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता को निर्माण विभाग द्वारा जारी कार्यादेश की प्रति प्राप्त नहीं होती है, जिसके कारण ठेकेदार को एस.टी.पी. हेतु लिखा नहीं जा सकता, जबकि महालेखाकार द्वारा निर्माण विभाग के कार्यादेशों के आधार पर बिना एस.टी.पी. खनिज उपयोग के दोष पर 10 गुणा रॉयल्टी हानि का आक्षेप खान विभाग में गठित किये जाते हैं।

2- निर्माण ठेकेदार द्वारा कई बार राजस्थान अप्रधान खनिज रियायत नियमावली, 2017 के नियम 51(9)(ii) के तहत एस.टी.पी. आंशिक खनिज मात्रा का प्राप्त किया जाता है, जबकि शेष कार्य बिना एस.टी.पी. प्राप्त किये, करने पर महालेखाकार द्वारा बिना एस.टी.पी. खनिज उपयोग के दोष पर 10 गुणा रॉयल्टी हानि का आक्षेप खान विभाग में गठित किये जाते हैं।

3- निर्माण विभाग द्वारा कार्य समाप्ति पर सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता को खनिज उपयोग मात्रा का प्रमाण पत्र नहीं भेजा जाता है, जिसके कारण खान विभाग द्वारा अधिशुल्क निर्धारण नहीं किया जा पाता है एवं महालेखाकार द्वारा एस.टी.पी. के अधिशुल्क निर्धारण नहीं करने के कारण राजस्व हानि के आक्षेप गठित किये जाते हैं।

4- कई ठेकेदारों द्वारा कार्य का अंतिम बिल बहुत ही कम राशि का बाकी छोड़ देते हुए अधिकतम भुगतान रनिंग बिलों के माध्यम से प्राप्त कर लिये जाते हैं एवं अंतिम बिल भुगतान न होने को आधार बनाकर निर्माण विभाग द्वारा खनिज उपयोग मात्रा का प्रमाण पत्र नहीं भेजा जाता है, जिसके कारण अधिशुल्क निर्धारण नहीं किया जा पाता है एवं महालेखाकार द्वारा एस.टी.पी. के अधिशुल्क निर्धारण नहीं करने के कारण राजस्व हानि के आक्षेप गठित किये जाते हैं।

5- निर्माण विभाग द्वारा सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता के नो-ड्यूज प्रमाण पत्र प्राप्त किये बिना ठेकेदार को अंतिम बिल का भुगतान कर दिया जाता है।

6- अधिकांश निर्माण विभागों द्वारा निर्माण कार्य में उपयोगित साधारण मिट्टी का विवरण प्रेषित नहीं किया जाता है, जिसके अभाव में महालेखाकार द्वारा जी-शिड्यूल के आधार पर रॉयल्टी हानि का आक्षेप खान विभाग में गठित किये जाते हैं।

अतः महालेखाकार अंकक्षण दल द्वारा बनाये गये पैराओं को ध्यान में रखते हुये तथा उनकी पुनरावृत्ति तथा राजस्व अपव्यवस्था को रोकने हेतु निम्नानुसार प्रक्रिया अपनाये जाने हेतु निर्देशित किया जाता है:-

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- 1-समस्त निर्माण विभाग की वेबसाईट को खान विभाग की वेबसाईट से लिंक किया जाये, ताकि निर्माण विभाग द्वारा कोई भी कार्यादेश जारी करते ही खान विभाग को उसकी सूचना मिल सके।
- 2- निर्माण विभाग द्वारा प्रथम रनिंग बिल का भुगतान किसी भी परिस्थिति में खान विभाग द्वारा जारी एस.टी.पी. की प्रति संवेदक से प्राप्त किये बिना नहीं किया जावे।
- 3-निर्माण विभाग द्वारा रनिंग बिलों को प्रसारित करते समय रनिंग बिल में अंकित उपयोग में लिये गये विभिन्न खनिजों की तथा मात्रा की एस.टी.पी. खान विभाग से जारी होना सुनिश्चित किया जाये।
- 4- निर्माण विभागों द्वारा निर्माण कार्य में उपयोगित साधारण मिट्टी का विवरण आवश्यक रूप से खान विभाग को प्रेषित किया जावे।
- 5- ऐसे निर्माण कार्य जिसमें विभाग द्वारा राजस्थान अप्रधान खनिज रियायत नियम, 2017 के नियम 51(9)(i)(ii) व (iii) के अन्तर्गत एस.टी.पी. जारी की जाती है, उन प्रकरणों में अंतिम रनिंग बिल कम से कम 20 प्रतिशत राशि का निर्धारित किया जावे। अंतिम बिल का भुगतान एवं सिक्यूरिटी की राशि का फिफ्थ वॉ पूर्ण सम्बन्धित निर्माण विभाग की वेबसाईट पर खान विभाग के नो-ड्यूज प्रमाण पत्र का लिंक उपलब्ध कराया जाये, ताकि सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता ऑनलाइन पर नो-ड्यूज प्रमाण पत्र अपलोड कर सकें। नो-ड्यूज प्रमाण पत्र अपलोड होने के अनन्तर ही अंतिम रनिंग बिल का भुगतान किया जाये।
- 6- कार्य समाप्ति के 15 दिवस या अधिकतम एक माह में निर्माण विभाग द्वारा खनिज उपयोग मात्रा का प्रमाण पत्र सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता को प्रेषित किया जाये। तत्पश्चात एक माह की अवधि में सम्बन्धित खनि अभियन्ता/सहायक खनि अभियन्ता द्वारा नो-ड्यूज प्रमाण पत्र जारी किया जायेगा।
- 7- पुराने कार्य जो समाप्त हो चुके हैं, जिनके खनिज उपयोगिता प्रमाण पत्र नहीं भिजवाये गये हैं, उनमें अभियान चलाकर एक माह खान विभाग उपयोगिता प्रमाण पत्र में भिजवाये जावें।

(नीलेश चरूपाल)
शासन उप सचिव

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Annexure-II

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On non-judicial stamp paper of minimum Rs. 100

**(Guarantee offered by Bank to CPWD in connection with the execution of contracts) Form of
Bank Guarantee for Earnest Money Deposit /Performance Guarantee/Security
Deposit/Mobilization Advance**

1. Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has invited bids under (NIT number) dated for (name of work) The Government has further agreed to accept irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date)* as Earnest Money Deposit from (name and address of contractor) (hereinafter called "the contractor") for compliance of his obligations in accordance with the terms and conditions of the said NIT.

OR**

Whereas the Executive Engineer (name of division), CPWD on behalf of the President of India (hereinafter called "The Government") has entered into an agreement bearing number with (name and address of the contractor) (hereinafter called "the Contractor") for execution of work (Name of work) The Government has further agreed to accept an irrevocable Bank Guarantee for Rs. (Rupees only) valid upto (date) as Performance Guarantee/Security Deposit/Mobilization Advance from the said Contractor for compliance of his obligations in accordance with the terms and conditions of the agreement.

2. We, (indicate the name of the bank) (herein after referred to as "the Bank"), hereby undertake to pay to the Government an amount not exceeding Rs. (Rupees only) on demand by the Government within 10 days of the demand.
3. We, (indicate the name of the Bank), do here by undertake to pay the amount due and payable under this guarantee without any demur, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. (Rupees only)
4. We, (indicate the name of the Bank), further undertake to pay the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor in any suit or proceeding pending before any Court or Tribunal, our liability under this Bank Guarantee being absolute and unequivocal. The payment so made by us under this Bank Guarantee shall be a valid discharge of our liability for payment there under and the Contractor shall have no claim against us for making such payment.
5. We, (indicate the name of the Bank), further agree that the Government shall have the fullest liberty without our consent and without affecting in any manner our obligation here under to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor from time to time or to

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postpone for any time or from time to time any of the powers exercisable by the Government against the said contractor and to forbear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said Contractor or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6. We, (indicate the name of the Bank), further agree that the Government at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor at the first instance without proceeding against the Contractor and notwithstanding any security or other guarantee the Government may have in relation to the Contractor's liabilities.
7. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
8. We, (indicate the name of the Bank), undertake not to revoke this guarantee except with the consent of the Government in writing.
9. This Bank Guarantee shall be valid up to unless extended on demand by the Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. (Rupees only) and unless a claim in writing is lodged with us within the date of expiry or extended date of expiry of this guarantee, all our liabilities under this guarantee shall stand discharged.

Date

Witnesses:

1. Signature.....
Name and address

Authorized signatory
Name
Designation
Staff code no.

2. Signature
Name and address

Bank seal

*Date to be worked out on the basis of validity period of 90 days where only financial bids are invited and 180 days for two/three bid system from the date of submission of tender.

**In paragraph 1, strike out the portion not applicable. Bank Guarantee will be made either for earnest money or for performance guarantee/security deposit/mobilization advance, as the case may be.

AFFIDAVIT

I / We have submitted a bank guarantee for the work

(Name of work)

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Agreement No. _____

Dated _____ from _____

(Name of the Bank with full address)

to the Executive Engineer _____ with a view
(Name of the Division)

to seek exemption from payment of performance guarantee in cash. This Bank guarantee expires on _____. I / We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my / our own initiative upto a period of _____ months after the recorded date of completion of the work or as directed by the Engineer in charge.

I / We also indemnify the Government against any losses arising out of non-encashment of the bank guarantee if any.

(Deponent)

Signature of Contractor

Note : The affidavit is to be given by the Executants before a first class Magistrate.

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Annexure –III**GUARANTEE BOND TO BE EXECUTED BY CONTRACTORS FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATER PROOFING WORKS**

The Agreement made this day of two thousand and between..... son of of (hereinafter called the Guarantor of the one part) and the PRESIDENT OF INDIA (hereinafter called Government of the other part).

WHEREAS this agreement is supplementary to a contract (hereinafter called the Contract) dated..... and made between the GUARANTOR of the one part and the Government of the other part, whereby the Contractor, inter alia, undertook to render the buildings and structures in the said contract recited completely water and leak-proof.

AND WHEREAS GUARANTOR agreed to give a guarantee to the effect that the said structures will remain water and leak-proof for five years from the date of giving of water proofing treatment.

NOW THE GUARANTOR hereby guarantees that water proofing treatment given by him will render the structures completely leak-proof and the minimum life of such water proofing treatment shall be five years to be reckoned from the date after the maintenance period prescribed in the contract.

Provided that the guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or alteration and for such purpose:

- (a) *Misuse of roof shall mean any operation which will damage proofing treatment, like chopping of firewood and things of the same nature which might cause damage to the roof;*
- (b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby proofing treatment is removed in parts;
- (c) The decision of the Engineer-in-Charge with regard to cause of leakage shall be final.

During this period of guarantee the guarantor shall make good all defects and in case of any defect being found, render the building water-proof to the satisfaction of the Engineer-in-Charge at his cost, and shall commence the work for such rectification within seven days from the date of issue of the notice from the Engineer-in-Charge calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the GUARANTOR'S cost and risk. The decision of the Engineer- in-Charge as to the cost, payable by the Guarantor shall be final and binding.

That if GUARANTOR fails to execute the water proofing or commits breach thereunder then the GUARANTOR will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and/or damage and/or cost incurred by the Government, the decision of the Engineer-in-Charge will be final and binding on the parties.

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IN WITNESS WHEREOF these presents have been executed by the Obligorand by
and for and on behalf of the PRESIDENT OF INDIA on the day, month and year first above written.

Signed, sealed and delivered by OBLIGOR in the presence of

- 1.
- 2.

Signed for and on behalf of THE PRESIDENT OF INDIA by in the presence of

- 1.

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SPECIAL CONDITIONS OF THE WORK

1. GENERAL

- 1.1 *Wherever any reference to any Indian Standard Specifications of BIS/BS/ASTM occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued there-to or revisions thereof, if any, up to the date of receipt of tenders.*
2. *Unless otherwise specified, the agreement rates for all items of work of the schedule of quantities are for all heights, depths, leads and lifts involved in the execution of work.*
3. *The contractor shall make his own arrangements for obtaining electric connection for carrying out any maintenance activity and make necessary payment directly to the department concerned.*
4. *Other agencies working at site will also simultaneously execute the work entrusted to them and the contractor shall offer necessary co-operation wherever required to other agencies.*
5. *On account of security consideration, there could be some restrictions on the working hours, movement of vehicles for transportation of materials. The contractor shall be bound of follow all such restrictions and adjust the programme for execution accordingly.*
6. *The work shall be carried out in a manner complying in all respects with the requirements of relevant bye laws of the local bodies, labour laws, minimum wages act, workmen compensation act and other statutory laws enacted by Central Govt. as well as State Govt.*
7. *All malba/rubbish/silt/waste/garbage etc. generated due to any operation from houses and other open spaces whatsoever shall be disposed off on daily basis by the contractor to the specified common disposal point and nothing extra shall be paid on this account. After the collection of full truck load of the said malba (aprox 4.5 cubic metres), the same shall be disposed of by the contractor to the authorized municipal dhalao/dumping ground In case of non-removal/disposal in the specified period, a sum of **Rs. One Thousand per day** shall be recovered from the contractor.*
8. *No residential accommodation shall be provided to any of the staff engaged by the contractor. The contractor shall also not be allowed to erect any temporary set up for staff in the campus.*
9. *The engineers who are employed by the contractor under clause-32 of the agreement shall be present at the site from 9:00 AM to 5:00 PM on all working days and shall carry mobile telephone(s) to enable the Engineer-in-Charge to have easy and quick communication. Nothing extra shall be paid to the*

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contractor on this account and his quoted rates for various items under this contract will be inclusive of this obligation.

10. *The Contractor shall employ their regular staff in the works and credentials of employees shall have to be given by the Contractor. No claim of Contractors' employees/staff employed for subject work in any form shall be entertained by the department. Police verification of every staff deployed by the Contractor shall be got done by the Contractor compulsorily and a copy of police verification shall be provided to Engineer-in-Charge after which an identity card duly countersigned by Engineer-in-Charge or his representative shall be issued to each employee of the Contractor for proper identification.*
11. *The Contractor shall provide uniform to each employee/worker along with Name Badge and CPWD Logo and appropriate Shoes within 15 days of start of work. In the event of non compliance, a recovery of Rs. 50/- per day per Employee/worker shall be made. The employee/worker engaged by the Contractor under this contract shall wear neat and clean uniforms along with name badges (duly countersigned by CPWD) and CPWD Logo as approved by Engineer-in-Charge. The Contractor shall also provide the basic PPEs (Personal Protection Equipments)/ Safety equipment like Helmet, Safety belt/harness, Safety Shoes, Gloves etc. to each worker and supervisor, whosoever is directly connected with the work.*
12. *All materials, T & P consumable and contingent articles required for the work shall be arranged by the contractor. Materials used shall be in following order of preferences:-*
 - (i) *Under the Nomenclature of the item.*
 - (ii) *As per list of preferred makes of materials attached .*
 - (iii) *CPWD specifications*
 - (iv) *ISI marked.*
 - (v) *Approved by T/S authority CPWD.*
 - (vi) *As per direction of the Engineer-in-Charge.*

Replaced material used shall have same or richer specifications to the original materials and compatible to the work.
13. *Staff employed by the contractor shall be well behaved, Polite & courteous. Any complaint against staff on behavior shall be taken very seriously and such staff shall be replaced by the contractor on demand from Engineer-in-Charge. The*

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decision of Engineer-in-Charge shall be final and binding in this case.

14. *The contractor shall make all safety arrangements required for the labour engaged by him at his own cost. All consequences due to negligence or due to lapse of security/safety or otherwise shall remain with the contractor. The department shall not be responsible for any mishap, injury, accident or death of the contractor's staff. No claim in this regard shall be entertained /accepted by the department.*
15. *Contractor shall be fully responsible for any damages caused to Govt. property or allottee's property by him or his labour in carrying out the work and the same shall be rectified by the contractor at his own cost.*
16. *GST/VAT/WCT/Income Tax/other statutory taxes/ levies as applicable shall be recovered from the contractor's bill.*
17. *Chases, holes & drilling works etc. shall be done using only power operated tools.*
18. *For non-compliance or partial compliance of satisfactory execution of items, the Engineer-in-Charge reserves his rights to levy compensation in accordance with the scale of non-conformity and the reserves his rights to levy compensations in accordance with the scale of non-conformity and the period for which this non-conformity continues. However the total amount of this compensation for the whole contract shall not exceed 10% of the tendered value of this contract. This shall be without prejudice to other remedies available to Engineer-in-Charge under this contract to take action against the contractor.*
19. *In the case of discrepancy between the Schedule of Quantities, the specifications and/or the Drawings, the following order of preferences shall be observed:-*
 - (i) *Description of Schedule of Quantities*
 - (ii) *Additional specifications and special conditions, if any.*
 - (iii) *Contract clauses of General conditions of contract for Central P.W.D. works 2023 Form.*
 - (iv) *CPWD specifications.*
 - (v) *Architectural drawings.*
 - (vi) *Indian standards specification/BIS.*
 - (vii) *Sound engineering practice or manufacturers' specifications.*

Any references made to any Indian standards specifications in these shall imply to the latest version of that standard, including

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such revisions/amendments as issued by the Bureau of Indian standards up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standards applicable to the work at site.

20. *Vacant office will be locked by the contractor at his cost and office will not be allowed to be occupied or used by him/his staff/his workers. In case any office has been found to be occupied unauthorized by a compensation @ Rs 1500/- (Rupees One Thousand Five Hundred Only) per day per quarter shall be levied and the contractor will also be liable for action for loss caused due to theft or any other causes, and shall be made good by the contractor at this own cost.*
21. *The contractor shall have to carry out the work other than day to day maintenance according to programme given by the Engineer-in-Charge or his representative. The contractor shall not carry out any work in any building without permission of Engineer-in-Charge. The contractor shall adhere to this programme failing which he shall be wholly responsible. No claim for idle labour on any account shall be entertained. The contractor shall depute his representative daily to the site of work. His name and signature shall be attested by the contractor for record in the department.*
 - (i) *The office and portions of office where the work is to be executed on any day shall be got approved from the representative of Engineer-in-Charge at the site of work in writing. No work shall be carried out in any office without the approval of the representative of the Engineer-in-Charge.*
 - (ii) *Any work carried out without the approval of the representative of the Engineer-in-Charge at the site of work shall be rejected and will not be measured and paid for.*
 - (iii) *The material such as paints, varnish, distempers, water proofing cement paint and primers etc. as required shall be of approved brand and manufacturers, and of required shade and conforming in all respects to the relevant I.S. specifications.*
 - (iv) *The manufacturing date and batch No. inscribed or printed on packs/containers by manufacturers are only acceptable for all the above said materials. Fresh material shall be brought at site as far as possible. The material shall be used within its shelf-life as prescribed by the manufacturer. Any material which has out lived its life shall not be permitted to be used in the work and removed immediately from the site. The decision of the Engineer-in-Charge shall be final & binding.*
 - (v) *The contractor shall get the shades of all types of paints, distemper, water proofing cement paint etc. approved from the Engineer-in-Charge before*

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procurement of materials.

- (vi) *The paints/other material shall be issued by the Junior Engineer/Assistant Engineer to the contractors after breaking the seal of the containers/packing and quantity to be issued shall be as per the daily requirement at the site. After day's use balance quantity of paints etc., if any left, will be returned by the contractor to the Engineer-in-Charge or his representative. After use the empty container shall have to be returned to the Engineer-in-Charge or his representative and will not be disposed off till the completion of the work.*
- (vii) *The site for the collection and stacking of the material shall be got approved from the Engineer-in-Charge.*
- (viii) *Nothing extra shall be paid to the contractor for excess consumption of material.*
- (ix) *The contractors shall quote their rates inclusive of all taxes, cartage, royalties etc, complete.*
- (x) *The contractor shall prepare one sample of item which shall be got approved from the Engineer-in-Charge. Only on acceptance of sample work, contractor will be allowed to commence the work and sample is to be preserved with the JE-in-Charge of work till the whole work is completed. The quality of entire work should conform to the approved samples.*
- (xi) *Contractor shall take daily instructions. A register will be maintained at the Enquiry Office for this purpose. The JE will note down the work in office to be attended to and the dates on which the work in these office is to be started. An authorized representative of the contractor will, therefore, have to visit the Enquire Office daily and note down the instructions in the register.*
- (xii) *The contractor and/or his authorized agent should see the site order book every day and get the compliance noted by the Junior Engineer/Assistant Engineer/Engineer-in-Charge.*
- (xiii) *All the items of work in a quarter/flat shall have to be taken up-sequentially i.e. after the patch repairs are carried out in one office, white/colour washing will be taken in the same quarter and thereafter painting shall have to be got completed.*
- (xiv) *All the malba or rubbish obtained from dismantling or otherwise during the execution of the work shall be brought down through the staircase and shall not be thrown to the ground directly from first floor or second floor etc. This shall be carried and stacked properly to the specified common disposal point on the same day and site shall be left clear as per the instructions of the Engineer-in-Charge. A compensation of Rs. 1000/- shall be levied from the contractor for each complaint/default/per day.*

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22. The scope of work include Ordinary and Special repair, Upgradation and renovation works for span of one years and some of works have been incorporated for which administrative and expenditure sanction is yet to be received from client department. As contract term is for three years, a tentative schedule of yearly breakup of quantities for each department is attached and the contractor has to be restricted within that quantity in that particular year. The work of Ordinary and Special Repair, Upgradation shall be started only after obtaining written instructions from Engineer-in-charge under his signature with particular details of quantities within the scope of agreement. In case there is any increase in quantities for particular department and particular year of execution the Engineer-in-charge shall obtain the approval of Technical Sanctioning authority before allowing excess and after ensuring availability of funds.
23. Any damage to the building structure, fitting or any other articles etc. done by the contractor or his workman during the execution of the work shall be made good by the contractor at his own cost.
24. The contractor shall clear the site properly before the completion of the work.
25. For each office building, the measurements as recorded in S.M.B./M.B. will be paid. Any portion of the office such as store rooms, inside almirahs/cupboards, etc. in which white/colour wash, could not be done for any reasons, suitable deduction will be made.
26. The theoretical consumption of materials like, distemper, paint, water proof cement paint etc. shall be computed, as per the consumption co-efficient. In case of variation between the actual and the theoretical calculations action shall be taken as below:-
In case the materials used are less than theoretical requirements the cost for the materials used less shall be recovered form the contractor at the basic rate as given in D.S.R. 2023
plus carriage plus 1% W.C. plus 15% contractor profit and over heads plus contractor's enhancement/abatement as per the clause 12 of the Agreement. For all excess use of material over the theoretical consumption no extra payment shall be made to the contractor.
27. Old doors, windows, floors, furniture, Electrical and other fitting shall be cleaned from all splashes, dust, dirt and mortars etc. The rate for the white washing/colour washing/distempering/painting etc. include the cost of removal of splashes and paint marks. In the event of failure on the part of contractor to remove the splashes and the paint mark, compensation at the following rates shall be levied.

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Description	For Splashes of Internal finishing	For Splashes of paint/ paint marks	For splashes of External finishing
1) Office Bldg having plinth area less than 2000 sqm	Rs. 3000/- for each office	Rs. 5000/- for each office.	Rs. 3000/- for each office
2) Office Bldg having plinth area between 2000 to 5000 sqm	Rs. 5000/- for each office	Rs. 10000/- for each office.	Rs. 6000/- for each office
3) Office Bldg having plinth area more than 5000 sqm	Rs. 10000/- for each office	Rs.12000/- for each office.	Rs. 10000/- for each office

Description	For Splashes of Internal finishing	For Splashes of paint/ paint marks	For splashes of External finishing
Type-I	Rs. 500/- for each Qtr.	Rs. 750/- for each Qtr.	Rs. 500/- for each Qtr
Type-II	Rs. 800/- for each Qtr.	Rs. 1500/- for each Qtr.	Rs. 800/- for each Qtr.
Type-III	Rs. 1200/- for each Qtr.	Rs.2000/- for each Qtr.	Rs. 1200/- for each Qtr
Type-IV	Rs. 1800/- for each Qtr.	Rs.2500/- for each Qtr.	Rs. 1800/- for each Qtr.
Type-V	Rs. 2400/- for each Qtr.	Rs.3000/- for each Qtr.	Rs. 2400/- for each Qtr.
Type-VI	Rs. 3000/- for each Qtr.	Rs.3500/- for each Qtr.	Rs. 3000/- for each Qtr.

28. The cost of all the bills/running cost of Computer and its connection(s). The Computer and service connections available at the Service Centre can be used by the Contractor, if he so desires.
29. The Contractor shall take immediate action to attend any complaint received on CPWD E-Sewa Website or assigned to him through Site Order Book/verbal instructions from Engineer-in-charge or on Telephone/ CPWD E-SEWA from occupants. Contractor shall endeavor to attend the complaints within the stipulated Time Frame as mentioned in CPWD Sewa Portal.
30. The compliance of all complainants (day today or minor or upgradation) shall be maintained through specially developed software. It shall be made compatible with all software functional in CPWD from time to time.
31. In the CPWD E-Sewa Portal, the Complaints attended in the stipulated time frame are shown as Green & Complaints attended with moderate delay are shown in Yellow. The percentage of complaints attended in GREEN benchmark time every calendar month shall not be less than 90% in case of civil complaints as well as electrical complaints. In case of percentage of complaints attended in Green benchmark time for any calendar month falls below 90% but not less than or equal to 80 % then a lump sum amount of Rs.

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20,000/- shall be recovered from Contractors bill for every such month of default from respective civil and electrical bills separately. If this percentage falls below 80% but not less than or equal to 70% in case of civil complaints as well as electrical complaints, a lump sum amount of Rs. 50,000 shall be recovered from Contractors bill for every such month of default from respective civil and electrical bills separately.

32. If the percentage of complaints attended in green bench mark time for any calendar month falls below 70 %, for civil complaints as well as electrical complaints, no payment shall be made to the contractor for day to day component of that work for that particular month.
33. In addition to this, based on feedback taken by Call Centre, if the percentage of satisfied allottees falls below 90% for Civil complaints as well as Electrical complaints, a lump sum amount of Rs. 20,000/- shall be recovered from Contractor's bill for every such month of default from civil and electrical bills respectively. If this percentage falls below 90% but not less than or equal to 80% in case of Civil complaints as well as Electrical complaints, a lump sum amount of Rs. 50,000/- shall be recovered from Contractor's bill for every such month of default from civil and electrical bills respectively.
34. Main agency shall ensure that the day to day complaints are attended timely and there is satisfaction among the allottees. In case there is default of not complying to the bench mark standard in respect of timely attending the complaints and satisfaction level then the Engineer-in-charge reserves the right to ask the main agency to replace the sub agency duly fulfilling the eligibility criteria.
35. The reports generated by CPWD Sewa every month shall form the basis of above recoveries and shall be binding on the Contractor. No dispute on this matter shall be entertained.

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TARGET TIME FRAME FOR ATTENDING CIVIL / ELECTRICALS COMPLAINTS

S.No.	Complaint Type	Time
1.	Emergency Complaints (blocked drains, no water, no electricity, leakage current etc.)	3 Hours
2.	Minor Complaints (cleaning of drains, water overflow, rewinding of fans & motors etc.)	2 Days
3.	Major Complaints (repairs to doors, windows, plumbing, replacement of MCCBs, repairing of APFC Panel & Fire Panel etc.)	7 Days
4.	Periodical Complaints (White washing, painting, cleaning water tanks, preventive maintenance of electrical installation etc.)	10 Days

TARGET TIME FRAME FOR ATTENDING CIVIL / ELECTRICALS COMPLAINTS

S.No.	Complaint Type	Time
1.	Emergency Complaints (blocked drains, no water, no electricity, leakage current etc.)	3 Hours
2.	Minor Complaints (cleaning of drains, water overflow, rewinding of fans & motors etc.)	2 Days
3.	Major Complaints (repairs to doors, windows, plumbing, replacement of MCCBs, repairing of APFC Panel & Fire Panel etc.)	7 Days
4.	Periodical Complaints (White washing, painting, cleaning water tanks, preventive maintenance of electrical installation etc.)	10 Days

36. *If the individual emergent civil/electrical complaint is not attended within Benchmark time (GREEN) as prescribed in CPWD E-Sewa then recovery of Rs 500/- (Rupees Five Hundred Only) per complaint per day of delay shall be made from the contractor's bill.*
37. *Quick Response System (QRS) shall be provided for 24x7 in working condition. Under QRS, the agency shall provide, maintain & operate motorized four wheelers specially designed for maintenance work having seating capacity of three workers, equipped with all essential spare parts for regular / emergent maintenance and all required T&P for plumbing, carpentry, sewerian tools, electrician tools i/c ladder, cables fault locator, pressure pump (to clear*

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blockage of sewer lines or water supply lines), drilling machine (all types) and all other necessary for attending the emergent complaints etc. complete. Failure in maintaining 24x7 QRS shall attract Rs.10000.00 per day for such absences.

38. All required Registers will be arranged by agency itself duly marked in chronological order. Nothing extra shall be paid on this account.
39. The Contractor will have to arrange all the required Computer, furniture etc. at his own cost pertaining to his job and he will take all these things back only after the expiry of the agreement for which nothing extra shall be paid.
40. The Engineers, Supervisors and staff including skilled and unskilled workers of the agency shall carry mobile telephone(s) to enable the Engineer-in-charge to have easy and quick communication. Nothing extra shall be paid to the Contractor on this account and his quoted rates for various items under this contract will be deemed to be inclusive of the expenditure towards such Mobile connections and use thereof.
41. Staff employed by the Contractor should be well behaved, polite & courteous. The worker will clean the place/site thoroughly before leaving the site while attending the complaints. Any complaint against staff on behavior will be taken seriously and such staff should be removed by the Contractor immediately from the site and arrange replacement for the same failing which the Engineer-in-Charge has to recover as per corresponding conditions in this NIT.
42. Safety of the staff employed will be the responsibility of the Contractor. It shall be the prime duty of the Contractor to provide requisite safety equipments to all the workers and supervisors for their protection. CPWD will not be responsible for any mishap, injury/accident or death of the staff. No claim in this regard shall be entertained/ accepted by the department.
43. Contractor shall be fully responsible for any damages caused to govt. property or allottee's property by his labour in carrying out the work and the damage shall be rectified/made good by the Contractor at his own cost.

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44. The Contractor shall maintain/stock sufficient quantity of materials and spares at site to meet the requirement of attending the complaints as per direction of the Engineer-in-charge. Stores/ bins if available shall be handed over to the Contractor for storing the material. The material management shall be operated with online/LAN system narrated above. No manual system shall be accepted.
45. Operations in which assistance shall be provided by the agency to the CPWD:-
- Assistance for occupation and vacation for the bungalows and visit of allottees.
 - Informing to the CPWD engineers regarding the failure in any service being provided by other departments, in so far as they affect the assets being maintained under this contract, so that they can be taken up with the concerned local body/ department for rectification.
 - Assisting the department in detection of unauthorized encroachments in the area being maintained.
 - Vacant quarters will be locked by the Contractor at his cost and quarters will not be allowed to be occupied or used by him/his staff/his workers. In case any quarter has been found to be occupied unauthorizedly, a recovery @ Rs 5000/- (Rupees Five Thousand Only) per day per quarter, shall be made and the Contractor will also be liable for action for loss caused due to theft or any other cause, and such loss shall be made good by the Contractor at his own cost. The repetition of such instance may attract criminal action also.
 - Contractor shall ensure the cleanness of vacant quarter(s) till the allotment & shall be fully responsible for its watch & ward till handing over to occupant(s).
 - Contractor or his authorized representative shall be responsible for inventory like furniture, electrical items and ensure after the vacation of bungalow all the inventory items shall be in place.
 - Contractor or his authorized representative shall ensure wet cleaning inside the bungalow area and dry cleaning outside the bungalow immediately after the vacation of bungalow by the allottee.
 - Contractor or his authorized representative shall be responsible for Security and Safety vacant bungalow.

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- i) Contractor or his authorized representative shall ensure connectivity/availability on mobile phone round the clock.
 - l) Contractor shall provide alternate mobile/telephone no. for ease of communication, if so required.
 - m) Contractor shall ensure to attend/respond to the individual complaints within the time prescribed in CPWD e-Sewa.
 - n) Contractor shall follow the Department's Citizen Charter and Model Code of Conduct for workers behavior as decided by Engineer-in-Charge.
 - o) The Contractor or his Engineer at the Service Centre shall also maintain Complaint register for recording the complaints.
 - p) Contractor shall facilitate Visitors while they visit to Service Centre for lodging complaint in person.
 - q) Complaints received telephonically, personally or through a mode other than "CPWD Sewa" shall be entered into CPWD Sewa and attended in the same manner as prescribed for the complaints received through CPWD Sewa.
46. The contractor shall provide Cell Phone to each skilled worker for receiving and furnishing the compliance of complaints. The Cell Phone should be made compatible with e-Sewa.
47. The Contractor shall have to carry out the work other than Day to Day Maintenance according to programme given by the Executive Engineer/ Assistant Engineer / Junior Engineer-in-Charge. The Contractor shall have to adhere to this programme failing which he shall be wholly responsible for any inconvenience caused to the occupants. No claim for idle labour on any account shall be entertained. The Contractor shall depute his representative daily to the site of work. His name and Signature shall be attested by the Contractor for record in the department.
48. The contractor shall also assist inspection and collection of samples by Engineer-in-Charge for testing. The samples of materials/ items of work required for testing by Engineer-in Charge or his representative shall be provided free of charge by the contractor. The cost incurred in collection of samples and its packing and transportation to the approved lab/field laboratory shall be borne by the contractor. The test outside field laboratory shall be got done from the laboratory approved by Engineer-in-Charge. The cost of test shall be borne by the contractor for failed samples.

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49. The maintenance work is to be carried out Departmental Pool (Income-Tax & Central Excise) Residential Accommodation and non-residential Office Buildings, which includes maintenance under all branches like Civil, Electrical.
- (i) The details of assets which are to be maintained and services to be provided are indicated in the nomenclature of item and "Scope of work"
 - (ii) Layout plan of the area is enclosed, the roads, which have to be maintained by the agency have been shown in the layout plan. Service Center will operate in full from 24x7 on all working days i/c Sundays and Gazetted Holidays. Contractor shall depute minimum required staff in night shifts as per direction of Engineer-in-charge. During the holidays, the staff deputed in the non-residential areas will be shifted to the residential areas as per direction of Engineer-in-charge. The contractor made suitable arrangement for weekly offs of workers by providing additional workers on his own cost nothing extra shall be paid by the Deptt. on account of this.
50. Necessary registers/complaint- attendance books duly machine numbered and authenticated by Engineer-in-Charge shall be maintained by the contractor in respect of complaints received and shall be got signed by the allottees, after attendance. All complaints must be registered in E-Sewa and compliance shall also be recorded.
51. In case of failure to meet these deadlines a compensation of Rs. 500/- (Rs. Five **Hundred** only) **per complaint per day will be levied from his due bills/ Security Deposit for each default to attend the complaints assigned to him. The decision of Engineer-in-Charge regarding correctness of complaint shall be final and binding.**
52. In case of receipt of feedback from allottee regarding his complaint through CPWD as "**unsatisfactory**" and the same being confirmed upon inspection by CPWD officials, compensation @ **Rs. 500/- (Rs. Five hundred only)** per such feedback will be levied.
53. This levy will be made after due verification of such feed back by Engineer-in-Charge and his decision in this regard shall be final.
54. The following facilities shall be made available to/ by the agency at the Service Center (s):
- a) Counter(free of charge) for the receptionist to sit and receive complaints.
 - b) One room (free of charge) for the use of the workers and other staff deployed by the agency at Jodhpur.
 - c) All furniture etc required for contractor's staff shall be arranged by the contractor at his own cost.
 - d) Electric connection for general purpose at the service center already exists. Bills for the electricity consumed shall be paid by the agency and reimbursed to him. In case additional load is required for some purpose this shall be arranged by the agency.
 - e)
 - f) The agency shall restore back the premises and other articles provided by the department to the contractor at the time of closure of the contract in

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good condition.

55. Operations in which assistance shall be provided by the agency to Engineer-in-Charge.
- Assistance for occupation and vacation of the quarters.
 - Assisting the department in detection of unauthorized encroachments in the area being maintained.
 - Informing the Engineer-in-Charge regarding the failure of any service being provided by other agencies, in so far as they affect the assets being maintained under this contract, so that they can be taken up with the concerned local body/departments for rectification.
 - The contractor shall engage computer literate staff that should be able to use computerized complaints receiving and monitoring system. The contractor will have to arrange and maintain telephone, computers along with peripherals and broadband internet connections (including standby connection from other service provider) to operate IVRS/ CPWD Sewa system. The contractor shall also pay all the bills/running cost of the computer and its peripherals, consumable, landline telephone and broadband connections etc. Land Line Telephone Nos. 0291-2511290 enquiry telephone connections available at the service center can be used by the contractor if he so desires however bill will have to be paid by the contractor.
56. In case any computer operator/reception attendant/clerk/staff is absent on any day, a substitute shall invariably be provided by the contractor. Otherwise compensation shall be levied from the contractor from the payment due to him or his Security Deposit as per details below:
- Enquiry Clerk/Supervisor/Computer Operator @ Rs. 1008/- per day
 - Semi Skilled labour @ Rs. 781/- per day.
 - Unskilled labour @ Rs. 693/- per day.
- The contractor shall be provided with an inventory list of items in campus to be maintained. The contractor shall be responsible for watch and ward of such items. The loss, if any shall be made good by the contractor at his cost. The decision of Engineer-in-Charge in this respect shall be final and binding on the contractor.
 - Stores and bins as available shall be handed over to the contractor for storing the materials. The following stores are available at the service centre at Jodhpur.
 - The contractor shall provide his mobile number or the mobile number of his representative to the Engineer-in-Charge for ease of communication with the controlling staff.
 - If any dismantled material has been received after attending complaint in lieu of new material provided shall be the property of the contractor and a

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recovery for the same will be made from the bill of the contractor at his quoted rates.

57. Police verification of every staff deployed by the contractor shall be got done by the contractor compulsorily and a copy of police verification shall be provided to Engineer-in-Charge after which an identity card duly countersigned by Engineer-in-Charge or his representative shall be issued to each employee of the contractor for proper identification. The contractor shall provide uniform along with Badge and shoes within 15 days of start of work. In the event of non compliance a recovery of Rs. 50/- per day per employee shall be made. The employees and labours engaged by the contractor under this contract shall wear neat and clean uniforms along with name badges as approved by Engineer-in-Charge.
58. The labour deployed for attending complaints should carry necessary tool kit, container (Tasla), required for mixing any cement sand or other material and should carry with them water bottle and waste bag for collection of minor rubbish material if received during attending the complaints, so that the site of work shall remain neat and clean.
59. The contractor shall have registration with Employee's Provident Fund Commissioner and Employee's State Insurance Corporation for safeguarding interest of his workmen. He shall obtain all other necessary approvals from statutory bodies as per law in force.
60. The contractor will arrange & store all the materials at Enquiry office, required for attending day to day maintenance complaints for at least 3 months or as decided by Engineer-in-Charge, throughout agreement period. A material at site (MAS a/c.) register shall be maintained by the contractor for materials brought at site & used in day-to day maintenance work. The MAS a/c. shall be kept at service Centre so that officers of CPWD can review the quantity and quality of material present in store. This MAS a/c. shall be the property of Engineer-in-Charge after the completion of work.
61. For the purpose of categorization of staff as skilled and unskilled, the sweepers/beldars shall be taken as unskilled, the mason/plumber/sewer man/carpenter shall be taken as skilled.

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62. The contractor will maintain attendance records of the staff which can be checked by the Junior Engineer/Assistant Engineer and higher officers as & when required.

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GENERAL TERMS AND CONDITIONS

Name of Work:– Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.

- 1 The work shall be carried out as per CPWD specifications and direction of Engineer-in-Charge.
- 2 All workers will have to follow the strict rules of CAT, MAT, Custom and Central Excise, Jodhpur.
- 3 The contractor has to keep the sensitiveness of site in mind while execution of the work and deployment of staff.
- 4 The contractor shall submit the details of workers within 7 days of issue of performance guarantee letter. These workers shall be interviewed by AE(C) in charge of work or any other representative authorized by Engineer-in-charge. The contractor can depute these workers only after getting clearance from AE(C). During contract period, in case any of these workers is not found fit, the contractor will engage substitute within 07 Days. The Staff engaged by the contractor shall have to abide by all the security norms laid by the ESIC Jodhpur, authorities and permanent address of the worker shall be given in advance to Engineer in-charge for verification and entry pass etc.
- 5 The contractor is free to change the staff employed by him at the site by giving 15 days notice in advance and the proposed changed staff shall be technically proficient and of sound behavior.
6. The contractor shall provide first aid box facilities for his staff at site in case of failure an amount Rs. 1000/- per month shall be recovered from running bill subject to maximum Rs. 250/-
- 7 Any damage done to the equipment, Building, during, maintenance shall be the responsibility of the firm.
- 8 No staff shall leave his duty unless relived by his relievers. Engineer-in-charge reserve the right to retain the staff for next shift if relievers fail to turn up. The OTA applicable in this case shall be borne by the contractor.
- 9 In case of any staff found absence from duty, the recovery will be
ade at the Following rates from the contractor bill.
 - Skilled labour/Wireman/Operator/ – Rs.1632/-per staff/shift.
 - Unskilled labour/Khallasi – Rs.1232/- per staff/shift.
- 10 The contractor will have to arrange his own T & P required for

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the work within the scope of work. The department will not arrange any T & P and nothing shall be paid on this account.

- 11 *The contractor will be fully responsible for the conduct of the staff deputed at site. The Engineer in- Charge reserves the right to ask the contractor to remove any of the staff without assigning any reason what so ever Decision of the Engineer-in-Charge shall be final and binding on the contractor.*
- 12 *The contractor shall provide necessary barriers, warning signals and other safety measures while executing the work or wherever necessary so as to avoid accidents. He shall also indemnify CPWD against claims for compensation arising out of negligence in this respect. Contractor shall be liable, in accordance with the Indian law and Regulations for any accidents occurring due to any cause. The department shall not be responsible for any accidents occurred or damaged incurred or claims arising there from during the execution of work. The contractor shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the contractor due to the above provisions thereof.*
- 13 *Any damage caused due to negligence of contractor during the routine maintenance shall be of firm responsibility. The firm will made good the same within quoted rate.*
- 14 *In case of any mis-happening due to any reason, the contractor will be fully responsible for his deputed staff. No claim shall be admissible on this account.*
- 15 *The department shall be at liberty to discontinue/cancel the contract/agreement if the work found unsatisfactory without giving any notice in accordance with the above terms and conditions or otherwise, without assigning and reason thereof. Decision of Engineer in charge shall be final and binding on the contractor for which no claim in any account shall be entertained by the department.*
- 16 *Shift timings can be changed as per the requirement at site and as per the decision of Engineer in- Charge.*
- 17 *The contractor has to carry out the routine / preventative maintenance as per CPWD specification & maintenance manual.*

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- 18 The Engineer-in-charge reserves the right to ask the contractor to remove any of the staff without assigning any reasons what so ever. The decision of the Engineer-in-charges shall be final and binding on the part of the contractor.
- 19 Boarding and lodging of the personnel of the contractor will be the responsibility of the contractor. The arrangement will not be permitted inside the campus.
- 20 The Contractor will keep department indemnified against all losses or damage or liability arising out of/or imposed in the context of employment of person by him.
- 21 The Firm /Contractor shall maintain wage record of workers and he should pay **minimum wages** as prescribed/amended by the Labour Department/Ministry.
In case wages are revised, firm has to pay revised minimum wages.
- 22 The recovery such as Income Tax, Cess & GST etc. shall be made from the contractor Bill as per Govt. rules.
- 23 The rates should be quoted inclusive of all taxes, GST, levies, cartage etc.,
Nothing extra shall be paid by the department.
- 24 The payment shall be made to the firm at regular interval such as quarterly. However it may be delayed due to any reason like non-availability of funds, LOC and other unforeseen reasons, the firm shall not claim anything extra in such contingencies but shall continue the work.
- 25 The contractor staff has also to fill log book as per the prescribed norms of the department & submit the same to the department. The log book, Complaint Register, Attendance Register and other register shall be arranged by the contractor for different locations separately and nothing extra shall be paid on this account.
- 26 Staff deployed shall carry identity cards which shall be shown to the security staff on demand. No staff without identity cards shall be allowed to the work. In case of failure, a token penalty @25/-per person per shift shall be imposed and recovered directly from the agency's bill.
- 27 Additional staff as and when required i/c that for maintenance jobs to be done preferably on Sundays/Holidays/off hour shall be arranged and deputed by the contractor for due performance of jobs nothing

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extra shall be payable on this account.

- 28 *The contractor shall deploy staff throughout the period of contract including Saturday, Sunday, Gazetted and National Holidays., for which no extra payment will be made by the department.*
- 29 *Attendance for staff deployed shall be marked through **IRIS based BioMetric** machine only. For this purpose supply and fixing of biometric machine at One location shall be provided by Contactor and nothing extra shall be paid on this account. The attendance of employees shall be marked Two times in a shift through biometric machine. The failure to mark such attendance by the employee shall be considered as absent. Maintening Bio-matric in good working condition shall be responsible of contractor. In case contractor fails to install bio-matric machine or does not maintaing it in working condition beyond on day, Rs. 250/- Per day shall be recover from R.A. Bill subject to Max of Rs. 2500/- Per Months.*
- 30 *Biomatic machine shall be provided by the contractor and nothing extra shall be paid by the department*
- 31 *Biomatic attendance shall be verified by the authorized person of the client department and same therebe submitted to the Engineer in chage in each running bill.*
- 32 *Following Documents are to be submitted by contractor before start of work :-*
- a. *List of Personal to be deployed at site.*
 - b. *Duty Roster of these Personal.*
 - c. *Qualification certificate for above persons.*
 - d. *Police Varification*
33. *All the Tool and Plants shall be arranged by the contractor*

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PREFERRED MAKES OF MATERIALS FOR CIVIL WORKS

SI No.	Material	
1.	(i) Ordinary Portland Cement/Portland Pozzolona Cement.	ACC, Ultratech, Ambuja Cement, J.K. Cement
	(ii) White Cement	Birla White, J.K. White
2.	Reinforcement Steel	SAIL, Tata Steel (TATA), Rashtriya Ispat Nigam Ltd. (RINL), JSW Steel Ltd. (JSW), Jindal Steel & Power Ltd. (JSPL).
3.	Water Proofing Compounds, Admixtures Plasticizer, Super Plasticizer, Curing Compounds	Fosroc, CICO, Sika, BASF, ArdexEndura (BalEndura), KRYTON, Penetron
4.	Integral Water proofing Compound with cement (For Plaster & Mortar)	Penetron, Kryton, Fosroc, CICO
5.	Water Proofing for bathroom/toilet/balcony & other wet areas	Penetron, Kryton, Fosroc, CICO
6.	Crystalline water proofing compound	Penetron, Kryton, Fosroc, CICO
7.	Grouts, Tile Adhesive	MYK Laticrete, Ferrous Crete, AdrexEndura
8.	Structural Steel	SAIL, Tata Steel, Rashtriya Ispat Nigam Ltd. (RINL), JSW Steel Ltd., Jindal Steel & Power Ltd.
9.	Profile Steel Sheet	Ezydeck of TATA, Lloyd Superdeck, JSW/ Jindal
10.	Particle Board	Greenlam, Merino, Century, ARCHIDPLY, Duro Ply
11.	Laminates	Greenlam, Merino, Century, ARCHIDPLY, Duro Ply
12.	Flush door shutters	Duro, Century, Green Ply, Archidply NOTE: Only ISI marked flush door shutters to be used.
13.	Fire Rated Doors	ShaktiHormann, NAVAIR, Bhawani Fire, Sukri, Promat
14.	False Ceiling System	Armstrong, Hunter Douglas, USG Boral, Saint Gobain, Aerolite
15.	Plywood/Veneer	Green Ply, Century, Merino, Duro
16.	Floor Spring & Door Closure	Dormakaba, Hafele, Geze, Assa Abloy
17.	(a) Aluminium Section	Hindalco, Jindal, Indian Aluminum co.
	(b) Anodised Aluminium Hardware (Heavy Duty)	Kinlong, Alualpha, Classic, Ebco
18.	Clear/	Saint Gobain, Asahi Float, Gold Plus

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	Float/Frosted/Toughened Glass/Refractive Glass	
19.	Stainless Steel Railing, Accessories etc.	JSL, Dormakaba, GEZE, Hafele
20.	S.S. Fittings for Door & Window	JSL, Dormakaba, GEZE, Hafele, Assa Abloy
21.	Silicon based water repellent/Weather Sealant	G.E. Plastics, Dow Corning, Wacker, BASF, Pidilite
22.	Poly-Sulphide Sealant	Fosroc, Pidilite (Dr. Fixit/Roof), Sika, BASF
23.	Ceramic Tiles	Kajaria, RAK, Somany, Johnson NOTE: The tiles manufactured at mother plant, to be used.
24.	Vitrified Tiles (Antiskid/Matt/Glazed) (Only Double charged vitrified tile permitted.)	Kajaria, RAK, Somany, Johnson NOTE: The tiles manufactured at mother plant, to be used.
25.	Paver block & Kerb stone	NTC, Dalal, Unistone, Pavcon
26.	Dash/ Anchoring Fasteners/ SS Stone Cladding Clamps	HILTI, Fischer, Bosch, Wurth
27.	Cement based wall Putty	Birla wall care, JK White, Wonder
28.	Acrylic Emulsion Paint	Asian Paints (Professional Premium Interior Emulsion Paint), Nerolac : Beauty Gold Berger : Rangoli total care ICI-Dulux : Super cover
29.	Plastic Emulsion Paint	Asian Paint (Apolite Heavy Duty Premium Emulsion Paint), Nerolac : Impression, British Paints: Satin Max Interior Berger : Easy Clean ICI-Dulux : 3 in 1
30.	Premium Acrylic Emulsion Paints(Interior)	Asian Paints (Royal Luxury Emulsion) Nerolac : Impression Berger : Silk ICI-Dulux : Velvet touch
31.	Textured Exterior Paint	Asian Paints, Nerolac, Berger Paints, Ultratech Paints
32.	Acrylic Smooth Exterior Paints	Asian Paints (Apex/Professional Premium Exterior Emulsion) Nerolac : XL Berger : Weather Coat ICI-Dulux : Weather Shield
33.	Premium Acrylic Smooth	Asian Paints : Apex Ultima

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	Exterior Paints with Silicon additive	Nerolac : XL Total Berger : Weather Coat all guard ICI-Dulux : Weather Shield max
34.	Synthetic Enamel Paint	Asian Apcolite Premium gloss enamel, Nerolac : Synthetic Hi gloss Berger : Luxol Hi gloss ICI-Dulux : Gloss Synthetic Enamel
35.	Cement Primer	Nerolac, Berger (BPWhite), Decoprime WT(Asian), White primer(ICI).
36.	Steel Primer(Red Oxide Zinc Chromate Primer)	Asian Paints, Nerolac, Berger, ICI.
37.	Wood Primer	Asian Paints (Wood Primer-white/Pink), Berger, ICI, Nerolac.
38.	Epoxy Paint	Asian, Nerolac, Berger, ICI
39.	Fire Paint	Asian Paints, Akzo Nobel Coatings India Ltd., PROMAT, Jotun, Berger Paint
40.	G.I./ M.S. Pipe	Tata, Jindal(Hisar), APL Apollo
41.	G.I. Fittings	Unik AVR, Zoloto
42.	UPVC pipe and Fittings	Astral, Supreme, Prince, Finolex
43.	Centrifugally Cast(spun) Iron Pipes & Fittings	NECO, Kapilansh, Electrosteel, SKF, RPMF
44.	Hubless Centrifugally Cast (a) (spun) Iron Pipes & Fittings	RPMF, SKF, kapilansh
(b)	C.I. Manhole covers, Frames & GI Gratings	NECO, RAJ Iron Foundary Agra, BIC, SKF, Kapilansh, NTC
45.	SFRC Manhole covers & Gratings	KK JAIN, PARGATI
46.	CP Brass Fittings	Jaquar, Grohe, Roca, Kohler
47.	Sanitary ware, Fittings & accessories	Jaquar, Grohe, Roca, Kohler
48.	Mirror Glass	Atul, Modi Guard, Gold Plus
49.	UPVC/CPVC Pipe & Fittings	Astral, Supreme, Prince, Finolex
50.	Stainless Steel Sink	Jindal, Hindware, Kohler, Neelkanth, Nirali, Jayna
51.	RCC Pipes	Lakshmi, Sood&Sood, Jain Pipe Co. (Newai), Mahaveer Enterprises (Newai), Work well spun pipes, Pali, M/s J K Pipes
52.	UPVC Doors & Windows (Profile makers & their authorized Fabricators only)	Fenesta, Simta Astrix, VEKA
53.	Heat Resistant Tiles	NTC, Somany, Johnson

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54.	UPVC doors and window hardware	Roto, Dorset, Kinlong
55.	AAC Block Adhesive	UltraTech, ArdexEndura, Ferrous Crete
56.	FRP Doors/Panelled & Wiremesh doors	Jayna, Jain Doors Pvt. Ltd., Bhatt FRP
57.	WPC/PVC Doors Shutters & Frames	Rajshri, Century Ply, ALSTONE, PLASTO GREEN, ARCHIDPLY, BLACK COBRA
58.	Epoxy Grouting compound	Saint Gobain- Weber, MYK Laticrete, Kerakoll, Roff,
59.	Agency for manufacturing M.S. tubular windows & ventilator / Pressed steel door frame & aluminum door and windows work	Jangid Engineering, Elixir, Agew steel manufacturers or as approved by SE(Jodhpur) during the execution of work.
60.	MS Pipes, Tubes, MS frame for door	APL APOLLO, TATA, Jindal (Hisar)
61.	PTMT Fittings	Raksha, Vectus, Poly tuf, Prayag
62.	PVC Fittings	Raksha, Prayag
63.	Aluminium Door & Windows sections	ETERNIA - HINDALCO, Jindal
64.	Polyethylene Water Storage Tanks	Sintex, Vectus, Supreme, Plasto
65.	Aluminium Door & Windows Fittings	GLOBAL, India Mart, Jindal
66.	DGU Glass	Saint Gobain, Asahi, Promat, GoldPlus
67.	Artificial grass turf	Bellin truf, Meckavo, E3, Elen India

Note:-

In respect of other materials, any ISI marked material can be used on the work but these shall also meet the requirement for obtaining GRIHA 3 star rating. In case any material / product listed above do not meet the requirement required for obtaining GRIHA 3 star rating, alternate product as per decision and approval of tender accepting Authority shall be used. In such situation, cost adjustment (if required) shall be made after approval from tender accepting authority whose decision shall be binding and final.

All other material/ make to be approved by Engineer in charge conforming to Specifications and Nomenclature of item and latest IS Codes and samples to be kept in safe custody for inspection of senior officers.

All other makes approved by SE(Jodhpur) office & valid on the date of publication of this NIT will also be considered part of this list unless specifically cut in above list or their rates are varying by more than 10% from the makes taken in list of preferred makes.

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Schedule of Quantities

Name of work:- **Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.**

S.No.	Description	Qty.	Unit	Rate	Amount
1	STONE WORK				
1.1	Providing and fixing horizontal chajja of stone 40 mm thick and upto 80 cm projection in cement mortar 1:4 (1 cement : 4 coarse sand), including pointing in white cement mortar 1:2 (1 white cement : 2 stone dust) with an admixture of pigment matching the stone shade :				
1.1.1	Red sand stone	10	sqm	1783.75	17838.00
2	CLADDING WORK				
2.1	Providing and fixing 18 mm thick gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing of edges to give high gloss finish etc. complete at all levels.				
2.1.1	Granite stone slab of colour black, Cherry/Ruby red				
2.1.1.1	Area of slab upto 0.50 sqnn	2	sqm	5267.34	10535.00
3	WOOD AND P. V. C. WORK				
3.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
3.1.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	5	sqm	3380.06	16900.00

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3.1.2	30 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	10	sqm	3082.42	30824.00
3.2	Providing and fixing wire gauge shutters using galvanized M.S. wire gauge of average width of aperture 1.4 mm in both directions with wire of dia 0.63 mm, for doors, windows and clerestory windows with hinges and necessary screws :				
3.2.1	35 mm thick shutters				
3.2.1.1	with ISI marked M.S. pressed butt hinges bright finished of required size				
3.2.1.1.1	Second class teak wood	2	sqm	4721.29	9443.00
3.2.1.1.2	Kiln seasoned and chemically treated hollock wood	2	sqm	3502.02	7004.00
3.3	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
3.3.1	150x10 mm	10	each	80.32	803.00
3.4	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
3.4.1	1.0 mm thick	10	sqm	873.07	8731.00
4	FLOORING				
4.1	Kota stone slab flooring over 20 mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing and polishing complete with base of cement mortar 1 : 4 (1 cement : 4 coarse sand) :				
4.1.1	25 mm thick	5	sqm	1895.65	9478.00
5	FINISHING				
5.1	20 mm cement plaster of mix:				
5.1.1	1:6 (1 cement: 6 fine sand)	5	sqm	437.85	2189.00

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5.2	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement: 5 coarse sand) and a top layer 6 mm thick cement plaster 1:3 (1 cement: 3 coarse sand) finished rough with sponge.	25	sqm	522.94	13074.00
5.3	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.	200	sqm	151.84	30368.00
5.4	Distempering with 1st quality acrylic distemper (ready mixed) having VOC (Volatile Organic Compound) content less than 50 gram/ litre, of approved brand and manufacturer including applying additional coats wherever required to achieve even shade and colour				
5.4.1	Old work (one or more coats)	200	sqm	61.01	12202.00
5.5	Wall painting with premium acrylic emulsion paint of interior grade, having VOC (Volatile Organic Compound) content less than 50 grams/ litre of approved brand and manufacture, including applying additional coats wherever required to achieve even shade and colour.				
5.5.1	Two coats	200	sqm	138.94	27788.00
5.6	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	250	sqm	24.47	6118.00
5.7	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade:				
5.7.1	One or more coats on old work	50	sqm	100.02	5001.00
5.8	Finishing walls with Acrylic Smooth exterior paint of required shade:				
5.8.1	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	200	sqm	117.49	23498.00
6	REPAIRS TO BUILDING				

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6.1	Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq.meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground, all complete as per direction of Engineer-in-Charge.				
6.1.1	With cement mortar 1:4 (1cement: 4 coarse sand)	4	sqm	545.37	2181.00
6.2	Renewing glass panes and refixing existing wooden fillets:				
6.2.1	Float glass panes of nominal thickness 4 mm (weight not less than 10kg/sqm)	4	sqm	1194.16	4777.00
6.3	Cleaning of terrace/loft water storage tank (inside surface area) upto 2000 litre capacity at all heights with coconut brushes, duster etc., removal of silt, rubbish from the tank and cleaning the tank with fresh water disinfecting with bleaching powder @ 0.5gm per litre capacity of tank including marking the date of cleaning on the side of tank body with the help of stencil and paint and disposing of malba all complete as per direction of Engineer- in-Charge. (The old date already written on tank should be removed with paint remover or black paint and if date is not written with the stencil or old date is not removed deduction will be made @ Rs. 0.10 per litre) (if during cleaning any GI fittings or ball cock is damaged that is to be repaired by contractor at his own cost and nothing extra will be paid on this account)	3000	litre	0.49	1470.00
6.4	Cleaning and desilting of gully trap chamber, including removal of rubbish mixed with earth etc. and disposal of same, all as per the direction of Engineer-in-charge.	7	each	105.38	738.00

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6.5	Cleaning of choked sewer line by diesel running vehicle mounting hydraulic operated high pressure suction cum jetting sewer cleaning machine fitted with pump having 4000 litres suction capacity and 6000 litres water jetting tank capacity including skilled operator, supervising engineer etc. for cleaning and partial desilting of manholes and dechocking of sewer lines. Dechocking and flushing of sewer line from one manhole to another by high pressure jetting system of 2200 PSI for sewer line from 150 mm dia upto 300 mm	40	metre	331.55	13262.00
6.6	Cleaning of under ground sump, Over Head R.C.C. Tank (independent staging) including disposal of slit and rubbish, all as per direction of Engineer-in-Charge. The cleaning shall consist following operations:- (i) Tank shall be emptied of water by pumping & bottom shall be cleaned of silt and other deposits. (ii) Entire surface area of the sump shall then scrubbed thoroughly with wire brush etc. and pressure washed with water. (iii) Chlorination of RCC internal surface by liquid chlorine. (iv) The treated surface shall be dried using air jetting and all loose particles shall be removal from the surface. (v) Finally the surface shall be treated with ultraviolet radiation etc. as per direction of Engineer-in-Charge.	100	sqm	82.56	8256.00
7	Dismantling and Demolishing				
7.1	Disposal of building rubbish / malba / similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	8	cum	256.82	2055.00
8	ROAD WORK				

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8.1	Providing and laying factory made chamfered edge Cement Concrete paver blocks in footpath, parks, lawns, drive ways or light traffic parking etc, of required strength, thickness & size/ shape, made by table vibratory method using PU mould, laid in required colour & pattern over 50 mm thick compacted bed of sand, compacting and proper embedding/laying of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, filling the joints with sand and cutting of paver blocks as per required size and pattern, finishing and sweeping extra sand. complete all as per direction of Engineer-in-Charge.				
8.1.1	80 mm thick C.C. paver block of M-35 grade with approved colour design and pattern.	10	sqm	1062.03	10620.00
9	ALUMINIUM WORK				
9.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
9.1.1	For fixed portion				
9.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	40	kg	516.57	20663.00

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9.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
9.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	40	kg	617.32	24693.00
9.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
9.2.1	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	15	sqm	1464.61	21969.00
10	WATER PROOFING				
10.1	Providing and laying water proofing treatment in sunken portion of WCs, bathroom etc., by applying cement slurry mixed with water proofing cement compound consisting of applying : (a) First layer of slurry of cement @ 0.488 kg/sqm mixed with water proofing cement compound @ 0.253 kg/ sqm. This layer will be allowed to air cure for 4 hours. (b) Second layer of slurry of cement @ 0.242 kg/sqm mixed with water proofing cement compound @ 0.126 kg/sqm. This layer will be allowed to air cure for 4 hours followed with water curing for 48 hours. The rate includes preparation of surface, treatment and sealing of all joints, corners, junctions of pipes and masonry with polymer mixed slurry.	15	sqm	600.39	9006.00
11	NEW TECHNOLOGIES AND MATERIALS				
11.1	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC polymer of K value 58-60 (Suspension Grade), calcium carbonate and				

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natural fibers (wood powder/ rice husk/ wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm², modulus of elasticity 900 N/mm² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Note: For WPC solid door/window frames, minus 5 mm tolerance in dimensions i.e depth and width of profile shall be acceptable. Variation in profile dimensions on plus side shall be acceptable but no extra payment on this account shall be made.

11.1.1	Frame size 45 x 70 mm	5	metre	686.79	3434.00
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11.2	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction				
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of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately)

11.2.1	30 mm thick	4	sqm	4229.34	16917.00
(A)	<u>Labour (As below):-</u>				
12	Engaging the following workers with necessary tools required for attending repairs/mentenance of Civil works as and when required and as directed by the engineer-in-charge.				
12.1	Mason / Carpenter/Plumber (Avg.)	30	Per day	1099.25	32978.00
12.2	Sewer man	10	Per day	896.75	8968.00
12.3	Beldar	50	Per day	896.75	44838.00
12.4	Part Time Sweeper (Office & Guest House)	156	Per day	896.75	139893.00
	(7:00 Am to 11:00 AM (Two for CPWD Office (AE-I Office, EE (E) Office, Circle Office , EE-Civil Office and 1 For IB)				
	Supply of following items for Day to Day maintenance :				
13	Chromium plated Brass curtain rod 25 mm dia 1.25mm thick	4	Metre	449.05	1796.00
14	Anodised Aluminium sliding door bolt 300x16 mm	15	Each	207.05	3106.00
15	Anodised Aluminium sliding door bolt	15	Each	168.20	2523.00

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	250x16 mm				
16	Anodised Aluminium handles 125 mm with plate 175 x 32 mm	25	Each	43.35	1084.00
17	Brass stop-cock 15 mm dia	8	Each	297.60	2381.00
18	Brass stop-cock 20 mm dia	8	Each	317.05	2536.00
19	Mirror of superior make glass 60x45 cm	4	Each	582.30	2329.00
20	Polyethylene water storage tank with cover and suitable locking arrangement	1000	per litre	8.40	8400.00
21	Unplasticised P.V.C. connection pipe with brass union 45 cm long 15 mm bore	35	Each	49.15	1720.00
22	White plastic seat (solid) with lid C.P. brass hinges and rubber buffers	12	Each	583.60	7003.00
23	Shower rose C.P. brass for 15 to 20 mm inlet 150 mm dia	7	Each	178.55	1250.00
24	CP Brass pillar tap 15mm dia	12	Each	384.30	4612.00
25	C.P. brass toilet paper holder of standard size	2	Each	398.55	797.00
26	100 mm S.C.I. trap with 100 mm inlet and 75 mm outlet	2	Each	313.15	626.00
27	H.P. or L.P. ball valve with polythene floats: 20 mm dia	34	Each	341.60	11614.00
28	Brass full way valve with C.I. wheel (screwed end) 25 mm dia	24	Each	534.40	12826.00
29	Vitreous china pedestal type water closet	6	Each	1397.50	8385.00
30	Float glass panes of nominal thickness 4 mm (weight not less than 10 kg/sqm)	7	Sqm	415.40	2908.00
31	600x120 mm glass shelf with anodised aluminium angle frame, C.P. brass brackets and guard rail of standard size	4	Each	395.95	1584.00
32	Vitreous china flat back wash basin 550x400 mm	4	Each	716.90	2868.00
33	Galvanised wire mesh of average width of aperture 1.4 mm and nominal dia of wire 0.63 mm	4	Sqm	336.45	1346.00
34	Nickel plated M.S - Brackets for curtain rod 20 mm	10	Nos.	9.05	91.00
35	Aluminium hanging floor door stopper with twin rubber & stopper	7	Each	56.95	399.00
36	Hydraulic door closer tubular type Aluminium section body.	3	Each	776.40	2329.00
37	32 mm dia with length not less than 700 mm i/c PVC waste fittings	5	Each	34.95	175.00
38	Flexible (coil shaped) PVC waste pipe for sink and wash basin 40 mm dia with length	10	Each	49.15	492.00

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not less than 700 mm i/c PVC waste fittings

39	Rectangular shape 600x450 mm precast R.C.C. manhole cover with frame - L.D. - 2.5	2	Each	961.45	1923.00
40	C.P. brass bib cock - 15 mm nominal bore. (Essco, Mare, Paryware).	17	Each	427.00	7259.00
41	C.P. brass long body bib cock - 15 mm nominal bore. (Essco, Mare, Paryware).	12	Each	685.80	8230.00
42	C.P. brass angle valve - 15 mm nominal bore (Essco, Mare, Paryware).	10	Each	489.10	4891.00
43	Flushing Cistern P.V.C. 10 litre capacity (low level) (White) (with fittings, accessories and flush pipe) (Slimline, Commander, Cera & Hindware)	4	Each	803.55	3214.00
44	15 mm PTMT bib cock	2	Each	90.60	181.00
45	20mm complete with Epoxy Coated Aluminium Rod & H.D. Ball	14	Each	155.30	2174.00
46	15 mm nominal bore and 45 cm length PVC connection pipe with P.T.M.T. Nuts	10	Each	71.20	712.00
47	Chromium plated brackets (curtain rods)	8	Each	11.65	93.00
48	Rectified Ceramic Glazed Tiles 1st quality 300 x 300 mm or more in all shades designs White, Ivory, Grey, Fume Red Brown etc.	2	Sqm	485.25	971.00
49	U-PVC pipes (working pressure 4 kg / cm ²) Single socketed pipe 110 mm dia	30	metre	183.75	5513.00
50	C.I. grating 150 mm dia, weighing not less than 440 gm	4	Each	37.50	150.00
51	PTMT - Towel Rail (600 mm long)	4	Each	203.15	813.00
				Total	719816.00

Executive Engineer
CPWD, Jodhpur

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Bid

Central Public Works Department

NIT No. : 14 /EE(E)/Jodhpur /2026-27

Name of work :- Comprehensive maintenance through outsourcing including day to day maintenance civil & Electrical works for Residential and Non-Residential buildings (GPOA and Inspection Bunglow CPWD) at Jodhpur during 2026-27.

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SCHEDULE OF QUANTITY

Name of the Contractor :-

S.No	Name of Component	Estimated Cost Composite	Percentage above or below the estimate cost	% in Figures	Total Cost
1	Electrical Work(Rs.: 11,56,625.00 Civil Work (Rs. 7,19,816.00 Total (Rs. 18,76,441.00	Rs.:18,76,441.00			
	Total				

Assistant Engineer (E) (P) Jodhpur
CPWD Jodhpur

Executive Engineer (E&M) Jodhpur
CPWD, Jodhpur

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