

CPWD-6 FOR e-TENDERING

Online Percentage rate bids are invited on behalf of President of India invites online percentage rate bids on two bids system from CPWD enlisted contractors of appropriate class and those of appropriate list of MES/ BSNL/ Railways /State PWD Tripura composite/ electrical category having valid electrical license for the work of: - **Repair, maintenance and Up-gradation of street lights and security lights at BSF campus Khasiamangal under SHQ BSF Teliamura.**

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

1.1 The work is estimated to cost **Rs. 2,97,573/- (Rupees Two lac ninety-seven thousand five hundred seventy-three) only**. This estimate however, is given merely as a rough guidance.

1.2 Contractors have to fulfil the following work experience along with above enlistment, to be eligible to apply. Joint ventures are not accepted.

Should have satisfactorily completed the works as mentioned above similar works.

Experience of only Govt. sector shall be considered with valid experience certificates of works having been completed satisfactorily, and the work completion certificate should be issued by an authority of the rank not below the rank of Assistant Engineer.

Similar work shall mean work of “Construction/Repair and maintenance of Electrical work-related services” and satisfactory completion shall mean “works completed within stipulated time or extended time without levy of compensation for delay”.

Note: The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum, calculated from the date of completion up to the previous day of last date of submission of bids.

2. Agreement shall be drawn with the successful bidder on prescribed Form No. CPWD 7, which is available as a Govt. of India Publication and also available on website www.nsg.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 **45 Days** 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 CPP Portal (<http://eprocure.gov.in/epublish/app>).

6. After the 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 rates any number of times but before last time and date of submission of bid as notified.

8. Interested contractor who wish to participate in the bid has to submit following documents. Copy of Enlistment Order and other documents as specified in the tender notice shall be scanned and uploaded to the eTendering website within the period of bid submission. However, original copy of all the scanned and uploaded

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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documents as specified in tender notice shall be submitted for verification to the office of **The DIG SHQ BSF Teliamura** by the lowest bidder, within 07 days of the financial bid opening, failing which his tender shall be deemed to be unresponsive and be treated as withdrawn as such.

9. The bid/tender submitted shall become invalid if: -
- (i) The bidders are found ineligible.
 - (ii) The bidder does not upload scanned copies of all the following documents: -
 - (a) EMD in Demand Draft/FDR/Bank Guarantee/Bankers Cheque of any scheduled Bank against EMD.
 - (b) Registration/ Enlistment order of the Contractor.
 - (c) Experience certificate of having successfully completion of required works as per eligibility conditions as per proforma attached in Annexure-III at page No. 34.
 - (d) GST Registration Certificate of the State in which the work is to be taken up, if already obtained by the bidder. If the bidder has not obtained GST registration in the State in which the work is to be taken up, or as required by GST authorities then in such a case the bidder shall scan and upload following under taking along with other bid documents.

“If work is awarded to me, I/we shall obtain GST registration Certificate of the State, in which work is to be taken up, within one month from the date of receipt of award letter or before release of any payment by BSF, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on a/c of the work executed and/or for any action taken by BSF or GST department in this regard.
 - (e) Copy of PAN card.
 - (f) Scanned copy of Experience certificate of similar work.
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and original documents submitted for verification by the lowest tenderer in the office of tender opening authority.
 - (iv) If a tenderer does not quote percentage (above /below) on the total amount of tender, the tender shall be treated as invalid will not be considered as lowest tenderer.
 - (v) Earnest Money in the form of DD/ BC/ FDR/ Pay Order/ Deposit at call receipt/ Bank Guarantee (Drawn in favour of **DIG SHQ BSF TELIAMURA** payable at **TELIAMURA** shall be scanned and uploaded to the e-Tendering Website within the period of bid submission. The Physical EMD Shall be dropped in the box placed at office of the **DIG SHQ BSF TELIAMURA** (HR) by **1500 hrs on/2026**. In case EMD is not found in the box at time of opening of Tender, online bid of such bidder shall be treated as cancelled without any notice.
 - (vi) The bid/tender submitted shall be opened **at 1530 hours on/2026**.
10. The firm/contractor or will clearly mention his email ID for correspondence along with his signatures for any online official correspondence related to work.
11. The contractor whose bid is accepted will be required to furnish performance guarantee of 5% (Five Percent) of the bid amount within the period specified in Schedule F. This guarantee shall be in the form of Deposit at Call receipt of any schedule bank/banker's cheque of any schedule bank/ demand draft of any schedule bank/Pay Order of any scheduled bank (in case guarantee amount is less than Rs 01 lakh) or Government Securities or Fixed Deposit Receipts or Guarantee Bonds of any Scheduled Bank or the State Bank of India in accordance with the

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

12. GST which shall mean Goods and services tax- central, state and inter-state GST or any other Tax applicable in respect of inputs procured by the contractor for this contract shall be paid by the contractor and Government will not entertain any claim whatsoever in respect of the same. However, component of GST at the time of supply of service (as provided in CGST Act 2017) provided by the contract shall be varied only if by any notification of the Govt. it is changed from that applicable on the last date of receipt of tender including extension, if any.
13. The Description of the work is as follows: -

Repair, maintenance and Up-gradation of street lights and security lights at BSF campus Khasiamangal under SHQ BSF Teliamura.

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 bidder 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 his own cost 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 bidders 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.

14. 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.
15. 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 for rejection.
16. 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 bidders shall be bound to perform the same at the rate quoted.
17. 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 one year after his retirement from Government service, without the prior 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 before submission of the bid or engagement in the contractor's service.
18. The bid for the works shall remain open for acceptance for a period of **10 days** from the date of opening of technical. If any bidder withdraws his bid before said period or issue of letter of acceptance, whichever is earlier, or makes any modification 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 bidder shall not be allowed to participate in the rebidding process of the work.**
19. **Integrity Pact**: The integrity agreement shall be part of tender document.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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20. This notice inviting Bid shall form a part of the contract document. The successful bidders/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of: -
- (a) 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.
 - (b) Standard C.P.W.D. Form 7 or other Standard C.P.W.D. Form as applicable.
21. The person/persons whose tender(s) may be accepted (herein after called the contractor) shall permit Government at the time of making any payment to him for work done under the contract to deduct a sum at the rate of 2.5% of the gross amount of each running and final bill till the sum deducted will amount to security deposit of 2.5% of the tendered value of the work. Such deductions will be made and held by Government deposit by way of Security Deposit unless he/they has/have deposited the amount of Security at the rate mentioned above in the form of Government Securities of fixed deposit receipts. In case a fixed deposit receipt of any bank is furnished by the contractor to the Government as part of security deposit and the Bank is unable to make payment against the said fixed deposit receipt, additional security to the Government to make good the deficit.

All compensations or the other sums of money payable by contractor under the terms of this contract may be deducted from, or paid by the sale of a sufficient part of his security deposit or from the interest arising there from, any sums which may be due to or may become due to the contractor by Government on any account whatsoever and in the event of his Security Deposit being reduced by reason of any such deductions or sale as aforesaid, the contractor shall within 10 days make good in cash or fixed deposit receipt tendered by the State Bank of India or by Schedule Bank of Government Securities (If deposited for more than 12 month) endorsed in favour of the Engineer in-Charge, any sum or sums which may have been deducted from, or raised by sale of his security deposit or any part thereof. The security deposit shall be collected from the running bills of the contractor at the rates mentioned above.

22. **For Composite Bids: -**

22.1.1 The Engineer in charge of the work will call bids for the composite work.

22.1.2 The bid document will include following: -

Part A:- CPWD-6, CPWD-7 including schedule A to F for the work, Standard General Conditions of Contract for CPWD 2020 as amended/ modified up to last date of submission of bid.

Part B:- General / specific conditions, specifications and schedule of quantities applicable to the work.

22.1.4 The eligible bidders shall quote percentage rates of estimated cost.

22.1.5 After acceptance of the bid by competent authority, **The ASSISTANT ENGINEER(ELECT) TELIAMURA** i.e. in charge of the work shall issue letter of award on behalf of the President of India. After the work is awarded, the main contractor will have to enter into one agreement with **ASSISTANT ENGINEER(ELECT) TELIAMURA**, in-charge of the composite work.

22.1.6 Entire work under the scope of composite bid including major and all minor components shall be executed under one agreement.

22.1.7 Security Deposit will be worked on the tendered amount of the agreement of work.

22.1.8 The main contractor has to associate agencies for minor component(s) conforming to eligibility criteria as defined in the bid document and has to submit detail of such agency(s) to Engineer-in-charge, within prescribed time.

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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22.1.9 In case the main contractor intends to change associated agency during the operation of the contract, he shall obtain prior approval of Engineer-in-charge. The new agency/ agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in-charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.

22.1.10 The main contractor has to enter into MoU with agency associated by him. Copy of such MoU shall be submitted to Engineer in charge. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.

22.1.11 Running payment for the work shall be made by Engineer in charge of the work to the main contractor only.

22.1.12A. The composite work shall be treated as complete when all the components of the work are complete. The completion certificate of the composite work shall be recorded by Engineer-in-charge.

22.1.12B. Final bill of whole work shall be finalized and paid by the Engineer in charge.

Assistant Engineer(Elect.)
SHQ BSF Teliamura

CPWD FORM NO. 7
GOVERNMENT OF INDIA BORDER SECURITY FORCE

STATE : TRIPURA
BRANCH : Engineering

Sub Division: SHQ BSF TELIAMURA

PERCENTAGE RATE TENDER & CONTRACT FOR WORKS

Tender for the work of: - Repair, maintenance and Up-gradation of street lights and security lights at BSF campus Khasiamangal under SHQ BSF Teliamura

- (i) To be submitted online by **1500 Hours** on/2026 through website: - <http://eprocure.gov.in/epublish/app>
- (ii) To be opened online after **1530 Hours** on/2026 in the office of SHQ BSF TELIAMURA

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 and 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 respects with the Specifications, Designs, Drawings 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 respects in accordance with, such conditions so far as applicable.

I/We agree to keep the tender open for (60) sixty days from the date of opening of tender and not to make any modifications in its terms and conditions.

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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A sum of **Rs. 5951/-** as Demand draft of a Scheduled Bank is hereby forwarded as earnest money. If I/we fail to furnish the prescribed Performance Guarantee within prescribed period, I/we agree that the said President of India or his successor in office shall without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money absolutely. Further, if I/we fail to 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 earnest money and performance Guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 & 12.3 of the tender form. Further, I/We agree that in case of forfeiture of earnest money or 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 BSF 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 therefrom to any person other than a person to whom I/we am/are may 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: -	**			
				Telephone No.
		Fax:-		
		E-Mail:-		

**** To be filled by the Contractor**

ACCEPTANCE

The above tender (as modified by you as provided in the letter 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

For & on behalf of the President of India

Signature.....

- i).....**
- ii).....** iii).....**
- iv).....**

Dated.....

*** To be filled by the Construction NCO, SHQ BSF TELIAMURA

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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SCHEDULES (A TO F) SCHEDULE**'A'**

Schedule of quantities (Enclosed) - As attached

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item.	Quantity. at which the material will	Rate in figures & words issue be charged to the contractor	Place of
(1)	(2)	(3)	(4)	(5)
				-Nil-

SCHEDULE 'C'

Tools and plants to be hired to the contractor

S.NO.	DESCRIPTION.	HIRE CHARGES PER DAY	PLACE OF ISSUE
		NIL	

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 works 2023 with up-to-date correction slips.

- 1.1 Name of Work : **Repair, maintenance and Up-gradation of street lights and security lights at BSF campus Khasiamangal under SHQ BSF Teliamura**
- 1.2 Estimated Cost of work: - **Rs. 2,97,573/-**
- 1.3 Earnest Money: - **Rs. 5951/-**
- 1.4 Performance Guarantee **5% of Tendered Value.**
- 1.5 Security Deposit **2.5% of Tendered Value.**

SCHEDULE 'F': -**General Rules & Directions: -**

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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Officer Inviting Tender: -

ASSISTANT ENGINEER(ELECT)
SHQ BSF TELIAMURA

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

No Limits

Definitions:-

2(v)	Engineer-In-Charge	ASSISTANT ENGINEER(ELECT) SHQ BSF TELIAMURA
2(viii)	Accepting Authority	ASSISTANT ENGINEER(ELECT) SHQ BSF TELIAMURA
2(x)	Percentage on cost of and labour to cover all overheads and profits	15% materials
2(xi)	Standard Schedule of Rates	DSR 2025 (Electrical) as published by CPWD with correction slips up to last date of submission of tender including extension, if any.
2(xii)	Department	BORDER SECURITY FORCE
9(ii)	Standard CPWD Contract Form	CPWD form 7 & General Conditions of Contract for CPWD Maintenance Works-2023 with upto-date correction slips.

Clause-1:-

- (i) Time allowed for submission of performance guarantee, **Programme Chart (Time & Progress) and applicable labour licenses, Registration with EPFO, ESIC and BOCW welfare Board or proof of applying thereof** from the date of issue of letter of acceptance **07 days**
- (ii) Maximum allowed extension with late fee @ 0.1% day of PG amount beyond the period (i) above **07 days** Per

Clause-2:- Authority for fixing compensation under clause-2.

SHQ BSF TELIAMURA

Clause-5:- i. Number of days from the date of issue of letter of acceptance for reckoning date of start **10 days**

ii. Time allowed for execution of work

45 Days

iii. Mile Stone (s) as per table given below

Sl.No.	Description of Mile Stone (value of work to be done)	Time allowed in day (From the date of start)	Amount to be withheld in case of Non achievement of Mile Store
1	1/8 of the work	In 1/4 of time	1% of tender amount
2	3/8 of the work	In 3/8 of time	-do-
3	3/4 of the work	In 3/4 of time	-do-
4	Full work	Full time	-do-

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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Time allowed for execution of work : **45 Days**

Authority to decide :-

(i)	Extension of time	EXECUTIVE ENGINEER(ELECT). FTR HQ BSF TRIPURA
(ii)	Re-scheduling of milestones	EXECUTIVE ENGINEER(ELECT). FTR HQ BSF TRIPURA
(iii)	Shifting of date of start in case of delay in handing over of site.	EXECUTIVE ENGINEER(ELECT).. FTR HQ BSF TRIPURA
Clause 5.4	Schedule of rate of Recovery for delay in submission of the modified programme in terms of delay days	Rs. 1,000/- per week
Clause 5A		Not applicable
Clause 6:-		Applicable
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	Rs. 36,000/-
Clause-7A:-	Whether clause 7A shall be applicable:	Yes
Clause-10A:-	List of testing equipment to be provided by	All the equipment required for the execution of the work.
Clause-10-B (i):-		
	Whether clause 10-B (i) shall be applicable	Not Applicable
Clause-10-B (ii):-		
	Whether clause 10-B (ii) shall be applicable	Not Applicable
Clause-10C:-		
	Component of labour expressed as percent of total value of work.	Not Applicable
Clause-10 CA:-		Not applicable
Clause-10-CC:-	Payment due to increase/decrease in prices/wages after receipt of tender for work	Not Applicable
Clause-11:-	Specifications to be followed for	Latest C.P.W.D. Specifications execution of work
Clause-12:-	Authority to decide deviation upto 1.25 Times of tendered amount	Engineer-in-Charge
	From 1.25 to 1.5 times of TA	EXECUTIVE ENGINEER, FTR HQ BSF TRIPURA
	Above 1.50 TA	As per GCC

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12.2 & 12.3 Deviation limit beyond which clause
12.2 & 12.3 shall apply No Limits for
Building work.

Deviation limit beyond which
clause 12.2 & 12.3 shall apply No Limits
for foundation works

Clause-16:- Competent Authority for
deciding reduced rates.

SE(ELECT)
FHQ BSF New Delhi,
Border Security Force,

Clause 18 :- List of mandatory machinery, tools & plants to be deployed by the contractor at site : As per site requirement

Clause 19C:- Clause 19C Authority to decide for each default Engineer-in-Charge

Clause 19D Authority to decide for each default Engineer-in-Charge

Clause 19G Authority to decide for each Default Engineer-in-Charge

Clause 19K Compensation to be paid by contractor in case of failure
To deploy qualified tradesman Not Applicable

Clause-25 :- (i) Conciliator - SE (Elect), FHQ BSF New Delhi

(ii) Arbitrator Appointing Authority – The Director General, FHQ BSF

(iii)

Place of Arbitration – New Delhi

Clause-32:- Requirement of Technical Representative(s) and Recovery Rate – N.A.

Assistant Engineer (Elect.)
SHQ BSF TELIAMURA

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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GENERAL CONDITIONS

1. GST tax, Water charges, income tax and other taxes like construction workers welfare cess as applicable on work done will be charged on gross amount of the Bill as per the latest provision of Govt. of India.
2. The work shall be carried out as per CPWD yardstick, current CPWD Specification with up-to-date correction slip for CPWD specification Horticulture/Civil/Electrical.
3. The contractor shall take instruction from the officer-in-charge regarding supply and stacking of material at site and execution of work etc. He shall bear all charge for storage and safe custody of materials. He will dispose of mulba inside campus at designated place. Nothing extra shall be payable on this account.
4. The contractor or his supervisor will regularly meet with the site officer-in-charge for taking the direction.
5. The rejected and substandard material should be removed from the site of work immediately, the Department shall not be responsible for any damage/loss of rejected material, If the same will not be removed within five days after issuing notice in writing by OC Construction, then necessary recovery shall be made @ Rs. 500/- per day.
6. The contractor will be responsible for police verification of the labour & permission of vehicles deployed for the execution of work they have to follow all the security norms/guidelines of the concerned Ministries/Department. A list of workers deployed will have to provide to the officer-in-charge before starting the work to get the necessary security passes and other security clearance well in advance.
7. All the engaged workers are to be equipped with photo identity cards issued by the contractor and contractor will maintain their particulars (i.e. Name, Father's Name, Local Address and permanent Address etc.) A Copy of the same will be provided to the Officer-in-charge. The expenditure on this account will be borne by contractor and nothing will be reimbursed for it.
8. The attendance register shall be maintained by the contractor. Officer-in-charge can verify this register at any time. This will be submitted with each RA bill along with particulars as mentioned above.
9. The contractor will have to engage the minimum labour (as per yard stick of the work) not below the age of 18 years.
10. The contractor or his representative should be available at site on every visit of officer-in-charge as well as visit of senior officers.
11. The contractor shall make his own arrangements for obtaining electric/water connections, if required, and necessary payment will be made by contractor directly to the Department concerned.

The Department shall not be responsible for any injury partial or permanent or death of any workers at site due to accident or mal functioning of the equipment or by negligence of the staff.

Having MoU (Proforma of MOU is enclosed for reference) with contractor enlisted in appropriate class in CPWD, M.E.S., BSNL, Railways, or local State PWD eligible to execute civil component individually (if needed at site).

PROGRAMME CHART

- (i) The contractor shall prepare an integrated programme chart for the execution of work, showing clearly all activities from the start of work to completion, with details of manpower, equipment and machinery required for the fulfilment of the programme within the stipulated period or earlier as indicated in the mile stones under clause 5 of the contract and submit the same for approval to the Engineer-in-Charge within ten days of the award of the contract.
- (ii) The programmes chart should include the following: -
 - (a) Descriptive note explaining sequence of various activities. (b) Network (PERT/CPM/BAR CHART)

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- (c) Programme for procurement of materials by the contractor d) Programme of procurement of machinery/equipment's having adequate capacity commensurate with the quantum of work to be done within the stipulated period by the contractor.

24 If it appears to the Engineer-in-Charge that the actual progress of work does not conform to the approved programme referred above the contractor shall produce a revised programme showing the modifications to the approved programme to ensure completion of the work within the stipulated time for completion.

25 The submission for approval by the Engineer-in-Charge of such programme or the furnishing of such particulars shall not relieve the contractor of any of his duties or responsibilities under the contract. This is without prejudice to the right of Engineer-in-Charge to take action against the contractor as per terms and conditions of the agreement.

The order of preference in case of any discrepancy as indicated in condition No. 8.1 under "Conditions of Contract" give in standard BSF contract form may be read as the following: -

- (i) Nomenclature of items as per schedule of quantities.
- (ii) Particular specification and special condition, if any.
- (iii) CPWD specifications.
- (iv) Architectural Drawings
- (v) Indian standard specifications of B.I.S.
- (vi) Sound Engineering Practice A reference made to any Indian Standard specification in these documents, shall imply to the latest version of that standard. Including such revision/amendments as issued by the bureau

of

Indian standard up to last date of receipt of tenders. The contractor shall keep at his own cost all such publications of relevant Indian standard applicable to the work at site. If there are varying or conflicting provisions made in any document forming part of the contract, the Engineer-in-Charge shall be the deciding authority with regard to the intention/interpretation of the tender and his decision shall be final and binding on the contractor.

Instructions for online Bid submission

Instructions to the Bidders to submit the bids online thro' the Central Public Procurement Portal for e Procurement at <https://eprocure.gov.in/eprocure/app>

- 1) Possession of valid Digital Signature Certificate (DSC) and enrolment/ registration of the contractors/bidders on the e procurement /e tender portal is a prerequisite for e tendering.
- 2) Bidder should do the enrolment in the e Procurement site using the "Click to Enroll" option available on the home page. Portal enrolment is generally free of charge. During enrolment/registration, the bidders should provide the correct/true information including valid email_id. All the correspondence shall be made directly with the contractors/bidders through email_id provided.
- 3) Bidder need to login to the site thro' their user ID / password chosen during enrolment / registration.
- 4) Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/TCS/nCode/ e Mudra or any Certifying Authority recognized by CCA India on eToken/ Smart Card, should be registered.
- 5) The DSC that is registered only should be used by the bidder and should ensure safety of the same.
- 6) Contractor/Bidder may go through the tenders published on the site and download the required tender documents/ schedules for the tenders he/she is interested.
- 7) After downloading / getting the tender document/schedules, the Bidder should go thro' them carefully and then submit the documents as asked, otherwise bid will be rejected.
- 8) If there are any clarifications, this may be obtained online thro' the tender site, or thro' the contact details. Bidder should take into account the corrigendum published before submitting the bids online.
- 9) Bidder then logs in to the site through the secured log in by giving the user id/password chosen during enrolment/registration and then by giving the password of the token/Smart Card to access DSC.
- 10) Bidder selects the tender which he/she is interested in by using the search option & then moves it to the 'my tenders' folder.
- 11) From my tender folder, he selects the tender to view all the details indicated.

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- 12) It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender schedules carefully and upload the documents as asked; otherwise, the bid will be rejected.
- 13) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/ schedule and generally, they can be in PDF/xls/rar/zip formats. If there is more than one document, they can be clubbed together and can be provided in the requested format. Each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded, if permitted. Bidders Bid documents may be scanned with 100 dpi with 12 black and white option. However of the file size is less than 1 MB the transaction uploading time will be very fast.
- 14) If there are any clarifications, this may be obtained through the site, or during the pre-bid meeting if any. Bidder should take into account the corrigendum published from time to time before submitting the online bids.
- 15) The Bidders can update well in advance, the documents such as certificates, annual report details etc., under My Space option and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.
- 16) Bidder should submit the Tender Fee/ EMD as specified in the tender. The original should be Posted / couriered/given in person to the Tender Inviting Authority, within the bid submission due date & time for the tender. Scanned copy of the instrument should be uploaded as part of the offer.
- 17) While submitting the bids online, the bidder reads the terms & conditions and accepts the same to proceed further to submit the bid packets.
- 18) The bidder has to select the payment option as offline to pay the Tender FEE/ EMD as applicable and enter details of the instruments.
- 19) The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable.
- 20) The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.
- 21) The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid will be rejected.
- 22) Tenderers should submit price bid in format available Annexure in
CPP Portal
<http://eprocure.gov.in/eprocure/app> and don't change the name of downloaded Annexure. Only fill the area which is available to fill and validate by the given button in Annexure, save the file and upload the file on portal.
- 23) The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.
- 24) After the bid submission (i.e. after Clicking "Freeze Bid Submission" in the portal), the acknowledgement number, given by the system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and will also act as an entry pass to participate in the bid opening date.
- 25) The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.
- 26) All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening.
- 27) Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers' public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

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TERMS AND CONDITIONS

1. The work is required to be executed in restricted area and the contractor shall abide by the security instructions/written directions of BSF officials regarding working hours and entry in the building/area. No claim shall be entertained on this account.
2. **Rates are inclusive of all leads, lifts including head lead. Before quoting rates, sites of works may be seen. Nothing extra shall be payable on this account. For plaster/paint up to 10 mtr height nothing extra will be payable on account of scaffolding. Contractor should quote the rate accordingly.**
3. **The main contractor has to associate agency(s) for specialize component(s) conforming to eligibility criteria as defined in the tender document and has to submit detail of such agency(s) to Engineerincharge of relevant component(s) within prescribed time. Name of the agency(s) to be associated shall be approved by Engineer-in-charge of relevant component(s).**
4. **The malba /garbage generated at site due to construction activities shall be removed from the site immediately & shall be disposed off by the contractor to the approved dumping site identified by the Engineer-in-charge within BSF Campus. Nothing extra shall be paid on this account.**
5. In case the main contractor intends to change any of the above agency/agencies during the operation of the contract, he shall obtain prior approval of Engineer-in-charge of relevant. component(s).
The new agency/agencies shall also have to satisfy the laid down eligibility criteria. In case Engineer-in charge is not satisfied with the performance of any agency, he can direct the contractor to change the agency executing such items of work and this shall be binding on the contractor.
6. The main contractor has to enter into MoU with agencies(s) associated by him. Copy of such MoU shall be submitted to Assistant Engineer(Elect), SHQ BSF Teliamura. In case of change of associate contractor, the main contractor has to enter into MoU/ agreement with the new contractor associated by him.
7. The building work shall be treated as complete when all the components of the work are complete. The completion certificate of the building work shall be recorded by Engineer-in-Charge of major component after record of completion certificate of all other components.
8. All materials obtained from the Govt. stores or otherwise on receipt shall be got checked by the Engineer-in charge of the work or his representations before use.
9. The contractor shall bear all incidental charges for cartage, storage and safe custody of materials issued by department.
 - i) The contractor shall submit for the approval of Engineer-in-Charge names of specialized agencies of repute along with their technical capacity proposed to be engaged by him, who must have executed satisfactorily works of value as specified in mandatory conditions.
10. In case of testing of materials, contractor shall arrange sample of materials and its cartage to the test laboratory. testing charges shall be borne by the contractor.
11. Quantities of items indicated in schedule of work may vary either side. Before bringing materials at site, contractor may verify quantity as per actual requirement.
12. The pre-coated sheet shall be as per the brand list enclosed.
13. The pre-coated sheet shall have minimum coating as per specification given in Schedule of quantity.
14. The contractor shall have to submit the list/document of workers and engineers to the department before execution of work for issuing the entry permission/passes etc. This process should complete before date of start of work as stipulated in award letter/ LOI.

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15. **All materials are required to be got approved from the Engineer in charge before execution of the work by the contractor.**
16. **If the contractor uses electricity during execution of work, he has to obtain Electricity connection as per direction of JE (E) of area concerned. If found any irregularity or theft case action will be taken as per SOP.**
17. **All extra / substituted items shall be paid on the rates calculated on the basis of clause 12 of Schedule 'F' of NIT.**
18. **Direction of Engineer in charge about the priority of items should be final and time frame should be strictly adhered to. If the contractor fails to execute the items with in time frame asked by the Engineer-in- charge, Engineer- in- charge will reserves the right to imposed penalty @ Rs. 1000/ day. If the contractor continuous to violate the direction of EIC continuously/ repeatedly, EIC reserve the rights to cancel the agreement and take action according to relevant clauses of agreement.**
19. The contractor has to follow all COVID-19 guideline issued by GOI. Nothing will be paid extra on this account
20. **Statutory Requirements:** All the statutory obligations with respect to taxes etc. should be borne by the intending agency and the department shall remain indemnified.
21. **General Conditions:** Contractor / agency shall nominate sufficient eligible candidate of required profile against each workmen required. They will be screened for best candidate by Engineer – In – Charge before they are actually engaged at work. However, the firm shall be responsible for suitability of all workers engaged each category.
22. **Non Payment of Wages:** In case of any complaint by any worker against the contractor / agency is received by Engineer – In – Charge, the proportionate payment due to the contractor / agency shall be withheld from his bill and the case shall be referred to the concerned authority.
23. **Periodical Meeting:** A periodical review meeting of the contractor's / agency's representative with the Engineer – In – Charge after every fortnight (As per convenience of the Engineer – In – Charge) shall be held.
24. **Safety of BSF Assets:** Any loss caused to BSF or its asset in any manner as result of carelessness / lack of skill / unwanted behaviour or due to any other reason in any other form shall be recoverable from the agency. The decision of the Engineer – In – Charge with regard to quantum of loss and the penalty to be imposed shall be final and binding.
25. **T & P:** All the skilled workers should with equipped with personal tool kit on work as per site requirements (like irrigation/water supply pipe, hessian cloth, brooms or any other type). First – Aid box shall also be arranged by the contractor / agency at site of work. No extra payments will be made on those accounts by the department.
26. **Antecedents:** The contractor / agency shall employ only such persons whose antecedents are satisfactory. The contractor / agency has to certify that the persons engaged bear a good moral character. The bio – data of the staff engaged shall also be submitted to the Engineer – In – Charge before actually engaging them on work.
27. **Accidents:** Department shall not be responsible for any injury partial or permanent or death of any worker at site due to accident or malfunctioning of the equipment by negligence of the staff. The contractor shall absolve the department of any obligation on the above account.
28. **Termination of Contract:** The department shall be at liberty to discontinue contract / agreement by giving One month notice without assigning reason thereof (01 month shall be reckoned from the date of issue of the letter for discontinuation). Decision of Engineer – In – Charge shall be final and binding on the contractor, for which no claim on any account will be entertained by the department.
29. **Wages:** It shall be responsibility of the contractor to pay minimum wages to his workers as approved by the Government.

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30. **Conduct:** The contractor / agency shall be responsible for the conduct and behaviour of his employees. If any employee of the contractor / agency is found misbehaving with the supervisory staff or any other staff member, the contractor / agency shall terminate the services of such employee within 24 hours at their own risk and responsibility.
31. **Area:** The work is required to be executed in restricted area and the contractor / agency shall abide by all instructions / written directive of BSF official and follow all security norms.
32. **Experience:** Staff provided by duty shall be professionally competent and experienced in respective fields as described in these documents elsewhere.
33. **Loss & Damage:** Any loss or damage to the listed inventory of all services by way of theft, sabotage or mal operation of equipment or any other machinery / switch gear shall be made good by the contractor / agency at his own cost.

Any loss and damage to the Govt. property due to the negligence/theft of the contractor's labour, shall be the responsibility of the contractor and the recovery shall be made from the bills.

34. **Services:** The contractor / agency should visit site before quoting and see himself the services for which he has to provide suitable necessary staff for its operation / maintenance.
35. The contractor shall provide necessary barriers, warning signals, and other safety measures while executing the work wherever required to prevent accidents.
36. Bidder must read the conditions given vide MoF, DoE, order no. F.No. 06/18/2019-PPD dated 23 July 2020. If any condition applies to any bidder, respective certificate as given in above order shall be enclosed duly signed by bidder, in case of any shortcoming in reference to this order is found, bids of such bidders shall be treated as cancelled.

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ADDITIONAL CONDITIONS

1. The contractors are advised to get acquainted with the proposed work and its site and also study the Architectural Drawings, specifications and special conditions carefully before tendering. No claim of any sort shall be entertained on account of any site conditions and ignorance of specifications and special conditions.
2. The rates quoted by the contractor shall be taken as gross and nothing extra shall be paid on any account i.e. royalty, cartage, taxes (including GST) etc.
3. The rates for different items of work shall apply for all heights and depths, leads and lifts unless otherwise specified in the agreement or specifications applicable to the agreement.
4. The electrical work may involve the installation of electrical luminaires and carrying out electrical work in high ceiling buildings like hangers, auditoriums, substations, gates and on street light poles, etc.; no additional payment will be made for the same; hence, the contractor should quote its rate accordingly.
5. Any damage done by the contractor to any existing work during the course of execution of the work shall be made good by him at his own cost.
6. Quality of samples brought by the contractor shall be judged by standards laid down in the relevant CPWD specifications. For the items not covered by CPWD specifications relevant BIS standards shall apply. The sample of materials to be brought to site for use in work shall be got approved from the Engineer-in-Charge before actual execution of work.
7. The quantities of each item shall not be exceeded beyond the agreement quantities without prior permission of Engineer-in-Charge.
8. Statutory deductions as per prevailing rules shall be made from the gross amount of the bill.
9. The contractor shall make his own arrangements for obtaining electric connection, if required and make necessary payments directly to the department concerned.
10. No payment shall be made to the contractor for any damage caused by rain, snow fall, floods or any other natural causes whatsoever during the execution of work. The damage caused to work shall have to be made good by the contractor at his own cost and no claim on this account shall be entertained.
11. Testing of materials :-

In case there is any discrepancy in the frequency of testing as given in the list of mandatory test and that in the individual sub-head of work as per the CPWD specifications for work-2019 Vol-I & II with upto date correction slips, the higher of the frequencies shall be followed and nothing extra shall be payable to the contractor on this account.

Samples of all fittings and fixture to be provided shall be got approved from the Engineer-in-charge before use in the work.

All expenditure to be incurred for testing of samples e.g. packaging, sealing, transportation, loading, unloading etc. including testing charges shall be borne by contractor.

All material shall be tested from the list of approved labs.

12. **Co-Ordination with other Agencies:**

Other agencies may also simultaneously be executing the Civil work, Electrical work, Horticulture or external services and other building works for the same building along with this work. The following services shall be extended by contractor to other agencies for carrying out their work.

- i. Access to various works of site.
- ii.

Make available clear site

The contractor shall co-ordinate with all other agencies involved at the site of work so that the work of other agencies is not hampered. Where activity of contractor is directly affecting the progress of other agencies, the same shall be given priority. Contractor is required to note the milestones of other agencies and plan his activities to facilitate so as to avoid any hindrance to other agencies. In case of any conflict with work schedule of any other agency at site, decision of Engineer-in-charge shall be final and binding.

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13. Contractor has to co-ordinate with other contractor in such a manner so that they get reasonable time to take up their work. During execution of work Department may desire for completion of certain areas on priority, in such cases contractor shall modify his plan accordingly.
14. The cost of Co-ordination/facilities extended to other contractors shall be deemed to be included in the quoted amount of contractor and nothing extra shall be payable.
15. Some restrictions may be imposed by the security staff etc. on the working and or movement of labour and materials, etc, the contractor shall be bound to follow all such restrictions / instructions and nothing shall be payable on this account.
16. The contractor shall take all precautions to avoid accidents by exhibiting necessary caution boards. He shall be responsible for all damages and accidents caused due to negligence on his part. No hindrance shall be caused to traffic during the execution of the work by storing materials on the road.
17. The contractor shall be fully responsible for the safe custody of the material issued or brought by him to site for doing the work, till the time of handing over to BSF.
18. The rate for all items of work, shall unless otherwise clearly specified include cost of all labour, material and other inputs involved in the execution of the items.
19. Any reference made to any Indian Standard Specifications in these documents, shall imply to the latest version of that standard, including 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. The contractor shall make his own arrangement of electricity and its distribution at his own cost. The department will render only assistance to the contractor for making application to authorized Electric supply agency, if required. All the fees and charges including consumption charges shall be borne by the contractor for carrying out work at site.
21. The contractor shall clean the site thoroughly of scaffolding materials, rubbish, equipment left out of his work and dress the site around the building to the complete satisfaction of the Engineer-in- charge before the work is treated as completed.
22. The labour welfare cess/ fund @ 1% of gross work done shall be deducted.
23. Maintenance of Register of Tests- All the registers of tests carried out at Construction Site or in outside laboratories shall be procured & maintained by the contractor which shall be issued to the contractor by Engineer- in-charge.
24. Maintenance of Material at Site (MAS) Register- All the MAS Registers including Cement and Steel Registers shall be procured & maintained by Contractor which shall be issued to the contractor by Engineer-in charge.
25. Contractor shall be responsible for safe custody of all registers e.g. test registers, MAS registers, cement register, etc. issued by the Engineer-in-charge.
26. The department shall be at full liberty to get the installation inspected by the third party or any other quality check team and the contractor shall have to make all modifications in the designing and installations as communicated to it by the department inter-alia advised by the third party.
27. Wherever per square meter of face area rates are mentioned for panels and feeder pillars etc., the payment will be made per square meter of the face area of the panel without pedestal.
28. **DISCREPANCY BETWEEN THE NOMENCLATURE OF ITEMS, SPECIFICATIONS, AND /OR THE DRAWINGS**
The following specifications are applicable for the work. In case of discrepancy between the nomenclature of items, specifications, and /or the drawings or in case no specifications are specified (Refer clause 28 of the General Conditions of the Contract-2020) the following order of preference shall be observed:

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- i) Nomenclature of items including the scope of work as given in Schedule of Quantities of this tender.
- ii) Technical / Particular Specifications, Special Conditions and other provisions of this tender and model of fixtures mentioned.
- iii) Drawings.
- iv) CPWD Specifications (latest edition) with upto date correction slips issued upto the last date of the month prior to month of submission of tender.
- v) BIS Codes with latest revisions issued upto the last day of the month prior to month of submission of tender. vi) international standards and accepted international practices as approved by Engineer-in-Charge.
- vii) Sound Engineering Practice as per directions of the Engineer-in-Charge.

If there are varying or conflicting provisions made in any document forming part of the contract, the Engineer-in-Charge shall be the deciding authority with regard to the intention/interpretation of the tender and his decision shall be final and binding on the contractor.

29. ENTRY IN CAMPUS

The contractor shall be responsible for making pass of all the engineers/ labours required for executing of work for which all required documents shall be arranged by contractor himself. Any observation raised by Security staff shall be complied by contractor himself. No hindrance will be paid to the contractor on this behalf.

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GENERAL TERMS AND CONDITIONS FOR E&M WORK

1. The work shall be carried out strictly in accordance with CPWD General Specifications for Electrical Works Part-I Internal 2023, Part-II (External) 2023, General Specifications part-IV Sub Station 2013, Fire Detection & Alarm System Part-VI 2018, Wet Riser & Sprinkler System Part V 2019, Lift & Escalators Part-III- 2003, HVAC works 2017 and DG Set works Part-VII 2013 as amended upto date, National Building Code 2016 and as per instruction of the Engineer-in-charge and in accordance with the Indian electricity Rules 1956 and Indian Electricity act 1910 as upto date.
2. All material and drawing of all E&M services has to be submitted by the agency (including conduit layout), panels/ etc., and got approved from Engineer-in-Charge well before the execution of work and rejected material is to be removed from the site immediately.
3. The contractor must obtain approval from the engineer-in-charge for the make and model of the material before using it on site. Technical specifications, catalogues, NABL test reports, LM 79 and LM 80 reports, etc., as asked by the Engineer-In-Charge, will be required to be submitted for approval of the material.
4. Unless otherwise provided in the schedule of quantities of the work 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.
5. The rates for all items of work shall, unless clearly specified otherwise, include the cost of all labour, materials, and other inputs involved in the execution of the item, irrespective of whether they have been specifically mentioned in the tender document or not.
6. The materials to be supplied by the contractor in the execution of the work should be ISI-marked, wherever applicable, and of make as specified in the agreement. Where the make of any particular material is not specified in the contract document, the material shall be supplied as per the make approved by the engineer-in-charge.
7. It will be the responsibility of the contractor or bidder to ensure the use of genuine materials in the work. The department reserves the right to get any or all materials or components inspected by the manufacturer or their authorized representatives at any stage of the execution of work. If any of the materials or equipment used in work is found spurious at any stage, then the department reserves the right to ask the contractor to replace it with a genuine one and make a suitable recovery or withhold a suitable amount till it is done, even if any payment against that material has already been made.
8. The work shall be carried out in an engineering-like manner. The bad workmanship will not be accepted, and defects shall be rectified at the contractor 's cost to the satisfaction of the engineer-in-charge. The programme of electrical works is to be coordinated in accordance with the building work; electrical work shall have to be completed along with the completion of civil work.
9. A reference made to any Indian Standard Specifications in these documents shall imply reference to the latest version of that standard, including such revisions and amendments as issued by the Bureau of Indian Standards up to the last date of receipt of tenders.
10. The contractor shall provide necessary barriers, warning signals, and other safety measures while executing the installation, excavation of trenches, pit etc., or wherever necessary so as to avoid any accidents.
11. In respect of all labour employed directly or indirectly on the work, the successful tenderer (hereinafter called the contractor) at his own expenses will arrange for the safety provisions to comply with the statutory regulations, B.I.S recommendations, factory act, workman's compensation act and CPWD codes. Failure to provide such safety requirements would make the tenderer liable for penalty for Rs. 2000/- 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 form the contractor.
12. Nothing in these specifications shall be construed to relieve the contractor of his responsibility for the design, manufacture and installation of the equipment with accessories in accordance with applicable standards and statutory Regulations and safety codes in force from the safety angle.

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13. The department shall not be responsible for any accident, damage 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 additional payment will be made to the contractor on account of the above provisions.
14. Making payment to the contractor in any form against supply of materials, equipment's, components, or execution thereof shall not absolve the contractor of his responsibility to watch and ward of the equipment's, materials, etc. and their satisfactory functioning until the same is taken over by the department after successful installation, testing, commissioning, and running in period.
15. The contractor shall leave such recesses, holes, openings, etc., as may be required for the electric, air conditioning, and other related works. For this purpose, any required inserts, sleeves, brackets, conduits, base plates, insert plates, clamps, etc. shall be arranged by the contractor and fixed at the time of casting of concrete, stone work, and brick work, if required, and nothing extra shall be payable on this account.
16. The contractor shall quote his rates considering the specifications, terms and conditions, particular specifications, special conditions, etc., and nothing extra shall be payable whatsoever unless otherwise specified.
17. The Engineer-in-Charge may, at his discretion, send sample (s) of each item being used in the work for testing to any approved laboratory decided by him. The charges incurred for taking samples, cost of samples, transportation, packing, charges of testing, etc., will be borne by the contractor, and nothing extra will be paid to the agency for testing. In case any particular sample fails in testing, the contractor will be bound to replace the entire lot with items of the prescribed specification.
18. The department may ask for any valid document, like manufacturer's test certificate, invoice, etc., as deemed fit by the engineer-in-charge to ascertain genuinely of material supplied by or used in the work by the contractor. The contractor shall remain bound to submit all such documents to the department, failing which payment may not be made or, if already paid, may be recovered or withheld from subsequent running account payments.
19. Copies of all purchase documents for all equipment, accessories, fittings, fixtures, etc. that carry a guarantee or warrantee shall be handed over to the department in a suitable form so that guarantees of the materials are available to the department.
20. Copies of all documents, including routine and type test certificates of the equipment, carried out at the manufacturer's premises shall be furnished to the engineer-in-charge. After completion of the work in all respects, the contractor shall offer the installation for testing and operation. For items or equipment requiring an initial inspection at the manufacturer's works, the contractor will intimate the date of testing the equipment at the manufacturer's works before dispatch. The department also reserves the right to inspect the fabrication job at the factory, and the successful tenderer has to make arrangements for the same. The tenderer shall give sufficient (15-day) advance notice regarding the dates proposed for such tests or inspections to the department's representative(s) to finalize his presence during testing or fabrication. The engineer-in-charge, at his discretion, may witness such testing or fabrication. The cost of the engineer's visit to the factory will be borne by the department.
21. The department shall reserve the right to waive off inspection in lieu of a suitable test certificate, at its discretion.
22. The contractor will have to make his own arrangements for the storage of materials. No storage space shall be provided by the department, and the watch and ward of the material equipment shall be the responsibility of the contractor until the handing over of the installation to the department. The planning of material procurement shall be in line with the project progress, and the agency has to assess the timing for the delivery of material, but not later than as specified in the table of milestones.
23. The contractor will have to ensure that only skilled workers, i.e., wiremen, AC technicians, firefighting work engineer, etc., are engaged in the execution of the work; otherwise, they will not be permitted to execute the work.
24. The contractor shall be responsible for the removal of all defects in the work during the guarantee or warranty period. If any failure is noticed during this period that is attributable to poor quality of material and bad workmanship, the contractor will be required to rectify the same at his own cost, failing which the department will be at liberty to

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get the defects rectified at the risk and cost of the contractor. In case the contractor fails to address the defects within 15 days of notification, then the same shall be rectified at the risk and cost of the agency.

25. The contractor is fully responsible for any kind of damage to the LT/HT cables during the execution of work. The contractor has to repair or replace the damaged cables as directed by the Engineer-in-charge to make it fully functional at his own cost, failing which the department will be at liberty to get the it repaired or replaced at the risk and cost of the contractor. The contractor must conduct an insulation resistance (IR) test of the repaired or replaced cable to determine whether it is sound and suitable for use.
26. 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.
27. The quantity of material in the BOQ is tentative. The contractor has to assess the actual requirement of material on site before placing the order, keeping in view the drawing and site requirement from the shortest route. No claim for payment for unused excess material shall be entertained. Even if initial payment for supply of materials is made in any form for bringing material to site and if it is found at a later stage that the actual requirement is less as per site requirement or as per the decision of the engineer-in-charge, the contractor shall have to take back the additional quantity brought or supplied at site, and necessary adjustments shall be made to his next bill on this account. No claim in this regard shall be entertained.
28. No payment will be made to the contractor for any damage caused by rain, snowfall, floods, dampness, fire, or any other natural cause whatsoever during the execution of work. The damage to the work due to the above reason, if any, shall have to be made good by the contractor at his own cost, and no claim on this account shall be entertained.
29. Any drawings, technical data sheets, test reports, etc. submitted via email will not be accepted. Only the hard copy of the drawings, test reports, technical data, etc., duly signed by the contractor or his engineer, will be accepted for approval by the engineer-in-charge.
30. Except for those items for which the guarantee period is specified in the tender, all other items executed in the work will be guaranteed for a minimum period of one year from the date of completion of the installation or as per the manufacturer's warranty, whichever is longer. The contractor will give warrantee certificates to the departments.
31. The tenderer should visit the site and familiarize himself with the site conditions before placing the tender in his own interest.
32. The tenderer should read the BOQ carefully, and any discrepancy should be brought to the notice of the department before opening of the tender.
33. In case of any discrepancy or non-availability of material of the requisite specification or size as per the BOQ, the same shall be brought to the notice of the department during the tender invitation period; otherwise, it shall be deemed that the agency has no objection about the capacity or specification of the material as depicted in the BOQ, and in that case, the item of higher or better specification or size shall be provided without any extra cost.
34. If the material specified in the BOQ becomes obsolete or unavailable owing to technical advancement or otherwise, the engineer in charge may accept a product with better specifications and an equivalent or higher price list, provided there is no functional change in the requirement.
35. In the event of any misprint in the BOQ item, the decision of the engineer in charge shall be final within the quoted rate.
36. In cases of variation in the wattage and lumen output or specifications of the light fittings mentioned in the schedule, the fitting having higher lumens per watt and an equal or higher price from the approved brand may be accepted by the engineerin-charge at the quoted rates.
37. Any conduit that is not 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.
38. Care shall be taken by the contractor while handling and installing the various equipment and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring them to their original finish at his own cost, to the satisfaction of the Engineer-in-Charge. Any expenditure incurred by the department in this connection shall be recovered from the contractor, and the decision of the engineer-in-charge about recovery shall be final and binding on the contractor.

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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39. While laying conduit, suitable-size junction boxes shall be provided for pulling the wire as per the decision of the E-in-C.
40. Where switches, sockets, regulators, telephones, TVs, and internet outlets are to be provided, the same shall be of only one make.
41. While laying conduits for the fire alarm system, sufficient junction outlets are to be provided as per the direction of the engineer-in-charge for detectors as required, for which no extra payment shall be made.
42. All hardware items, such as screws, thimbles, GI wire, etc., that are essentially required for completing an item as per specifications will be deemed to be included in the item even when the same has not been specifically mentioned.
43. All hardware materials, such as nuts, bolts, screws/washers etc., to be used in the work shall be zinc or cadmium-plated iron.
44. Within seven days from the date of receipt of the letter of acceptance, the successful tenderer shall submit his program for submission of drawings, supply of equipment, installation, testing, and commissioning, and hand over the installation to the Engineer-in-Charge. This program shall be framed keeping in view the building progress.
45. Wherever per square meter of face area rates are mentioned for panels, feeder pillars, etc., the payment will be made per square meter of the face area of the panel without pedestal.
46. All the LED fittings shall be guaranteed for their performance for a period for 5 years from the date of completion of work. The contractor has to submit a warrantee certificate from the manufacturer against unsatisfactory performance and/or breakdown due to defective design or workmanship of the material. The equipment or components, or any part thereof, so found defective during the guarantee period shall be repaired or replaced free of charge, to the satisfaction of the engineerincharge. 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.
47. The successful tenderer should furnish well in advance copies of detailed instructions and manuals of manufacturers for all items of equipment regarding installation, adjustments, operations, and maintenance, including preventive maintenance and troubleshooting, together with all relevant data sheets, spare parts catalogues, workshop procedures for repairs, assembly, and adjustment, etc.
48. After completion of the work in all respects, the contractor shall offer the installation for testing and operation.
49. Copies of all documents, including routine and type test certificates, of the equipment carried out at the manufacturer's premises shall be furnished to the engineer-in-charge at the time of supply.
50. All works shall be carried out in accordance with relevant regulations, 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:-
 - a) Factories Act.
 - b) Indian Electricity Rules
 - c) BIS & other Standards, as applicable
 - d) Workmen's Compensation Act
 - e) Statutory norms prescribed by local bodies, power supply co., fire authorities, etc.
51. If any types of mishaps or human losses occur during the execution of work on site, the contractor will be fully responsible for them, liable to bear all losses, and have to pay full compensation. The department will not take any responsibility for such a thing happening.
52. If any types of mishaps or human losses occur during the execution of work on site, the contractor will be fully responsible for them, liable to bear all losses, and have to pay full compensation. The department will not take any responsibility for such a thing happening.
53. BSF will not be responsible for any accident to the staff for any reason whatsoever. The contractor will ensure that the staff employed by him on site is duly insured for liability in case of any accident, strikes, riots, civil commotion, etc. BSF will not be liable for any damage caused for any reason. The agency has to ensure that all materials and labour are insured against any mishaps at the site.

Addition-Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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54. Loss of life, damage, accident, etc. shall be the sole responsibility of the contractor, and no compensation shall be payable by the department.
55. The contractor shall have to produce all the relevant records to certify that the genuine materials purchased from manufacturers, their authorized dealers, or importers have a valid import license, without which material will not be accepted or liable to be rejected.
56. The major equipment, like panels, cable trays, etc., shall be factory-finished and painted. The agency shall be required to only touch on the damages caused to the painting during transportation, handling, and installation on site if there is no major damage to the painting. However, hangers, supports, etc. of cable trays and all iron work shall be painted with one coat of anti-corrosive primer and two coats of synthetic enamelled paint of the required shade, and nothing extra shall be paid on this account.
57. The firm will be required to procure all material, like exhaust fans, MCB's and DB's, switches and sockets, wires and cables, conduits and switchgear, etc., directly from the manufacturer or authorized dealer to ensure genuineness and quality, as per the approved makes only. Proof in this regard shall be submitted by the contractor before installation on site to the department.
58. A plastic name plate, identification tag, or slip shall be provided on the cubical panel to indicate the area fed by them, and nothing extra shall be paid on this account.
59. All existing termination of cables, submain/circuit wires, and copper/GI/Earth wires into SDB shall be done using lugs / ferrules only, and nothing extra shall be paid on this account.
60. The chases in wall shall be done by chase cutting machines, for which the contractor shall arrange adequate numbers of chase cutting machines (chase cutters) for cutting chases in wall, etc. for the laying of conduit within the scope of work; nothing extra shall be paid.
61. All MDB's and SDB's should be provided with a polythene or PVC plastic cover to protect them from rust and damage during the execution of work until the work is actually completed and handed over to the department. All DB's shall be double door type, confirming a minimum IP-43 degree of protection, unless otherwise provided.
62. The loose wire boxes, cable end boxes, and adaptor boxes, wherever required, shall be provided on the various electrical boards to facilitate the termination of the wiring in the various mountings. The boxes shall be of the same make as the DB(s) unless otherwise required in writing. Wherever the company-made cable end boxes are not available, they shall be neatly fabricated with 16 SWG CRCA sheet steel, duly painted in the same shade as the DB, dust- and vermin-proof, and the front cover of the MS sheet shall be with a rubber gasket suitably screwed or with a 3 mm-thick phenolic laminated sheet of Hylam or Formica instead of the MS sheet, as approved by the Engineer-in-Charge. The length of such boxes shall be the same or greater than the width of the electrical switchboard. Such loose wire boxes are deemed included in the scope of the work, and no extra payment shall be made for them.
63. All wires shall be multi-stranded wires, unless otherwise required. The termination of all wires shall be made through insulated terminal lugs. Each light and power circuit shall be identified on the distribution board through numbering ferrules. Each distribution or sub-distribution board shall be identified through nomenclature, either through paint or stickers, as desired by the engineer in charge.
64. Special care shall be maintained in the colour coding of the wires used for the work. The wires shall be in the same colour as the phase, i.e., R-Y-B-N-E, up to the point of wiring termination. The earth wire shall be only green in colour. Neutral wire shall be in black only. The half wires shall be the same colour throughout the installation. No twist jointing of neutral and earth wire shall be permitted, and the terminal blocks for the same shall be used. The terminal blocks shall be of bakelite, polycarbonate, thermosetting plastic, or porcelain and shall be of 10A rating for light circuits and 16A rating for power circuits.
65. All junction boxes and Tee's shall be provided with sheet covers of appropriate size, and the same shall be deemed to be included in the scope of work.
66. The dismantled material shall be returned to the department's JE (E) site store.
67. All PVC conduit accessories shall be of the same make as the conduits.
68. The lighting fixtures shall be complete with hanging arrangements wherever required, and nothing extra shall be paid on this count.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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69. All the hidden or concealed items and earthing work shall be done in the presence of the representative of the engineer-in-charge only. The contractor shall give due notice for such work in advance to the department. The earthing shall be carried out in the presence of the engineer-in-charge or his authorised representative. Earthing shall be accepted only after verification of earth resistance at site by the engineer-in-charge or his authorised representative. All fittings/fans will be earthed as per specifications.
70. The contractor will have to arrange for insulation and other tests, like cable tests, etc., as per the rules in the presence of the representative of the engineer-in-charge as and when required by him, and submit the test report before the work can be considered complete.
71. The contractor shall follow the shortest route for circuits, sub-mains, point wiring, etc.
72. The contractor will ensure the sealing of all floor slabs and wall openings made by the contractor for laying cables, conduits, pipes, etc.
73. All holes for inserting conduit, pipe, cable, etc. on the wall or slab will be made by a core cutting machine or drilling tool.
74. 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.
75. The following markings will be provided on LED lights, ceiling fans, exhaust fans, etc. that come with a warranty by the agency as per the direction of the engineer-in-charge, either with stickers, permanent markers, or paint at the quoted rate of the item, and nothing extra shall be payable on this account. Failure to provide such markings shall attract a recovery of Rs. 100 per fitting.
- a) Name of Agency
 - b) Agreement No.

SPECIAL CONDITIONS

1. The work to be carried out under the Contract shall, except as otherwise provided in these conditions, include all labour, materials, tools, plants, machinery, equipment, temporary structures and transport which may be required in preparation of and for the full and entire execution and completion of the works. The descriptions given in Schedule of Quantities shall, unless otherwise stated, be held to include wastage on materials, carriage and cartage, carrying and return of empties, hoisting, setting, fitting and fixing in position and all other laborers necessary in and for the full and entire execution and completion of the work as aforesaid in accordance with good practice and recognized principles.
2. **DEVIATION FROM THE DRAWINGS, SPECIFICATIONS, STIPULATION, CONDITIONS**

The contractor is not to vary or deviate from the drawings, specifications, stipulation, conditions of tender document or instructions to execute any work of any kind whatsoever unless so authorized by the Engineer-in-Charge in writing. For any extra work involved in consequence of some breach of this contract the part of the contractor(s), no extra payment will be admissible to the contractor.

3. PROTECTION OF WORKS

All finished Works shall be protected from damage that could arise from other construction activities. Work shall be planned and executed in such a manner that work completed by others is not damaged. The compliance of these provisions is deemed to be included in the quoted amount and nothing extra shall be paid on this account. The contractor shall maintain in good condition all work till the completion of entire work allotted to him. Engineer-in-Charge shall not be held responsible for any claims for injuries to persons/workmen or for structural damage to property happening from any neglect, default, want of proper care or misconduct on the part of the contractor or of any other of his authorized representatives / labour in his employment during the execution of the work. The compensation, if any, shall be paid directly to the department/authority/persons concerned, by the contractor at his own cost.

The contractor shall take adequate precautions for work in progress as well as completed works from flooding particularly during the rainy season.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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4. RIGHT TO CARRY OUT THE WORK

The right to carry out the work either in conformity with or in a manner entirely different from the terms of this tender document that may be considered the most suitable before or subsequent to the receipt of tenders due to exigencies of work is reserved with the Engineer-in-Charge.

5. PROGRESS OF WORK

Contractor shall give the Engineer-in-Charge on the 10th day of each month, progress report in the prescribed format of the work done during the previous month and program/ proposal for the next month. Such progress report will include the quantum of work done, important materials consumed, and materials available, materials proposed to be procured during the month & photographs of important activities as well as showing progress of the work.

6. NIGHT WORK

For completing the work in time, the contractor /manufacturer might be required to work in two or more shifts (including night work) and no claim whatsoever shall be entertained on this account, notwithstanding the fact that the contractor/manufacturer will have to pay to the labourers and other staff engaged directly or indirectly on the work according to the provisions of the labour regulations and the agreement entered upon and /or extra amounts for any other reason.

7. CONTRACTOR TO INDEMNIFY

The Contractor shall at all times indemnify the department against all claims, damages or compensation under the provisions of payments of Wages Act 1936, Workmen's Compensation Act 1923, Minimum Wages Act 1948, Employment Liability Act 1938, Industrial Disputes Act 1947, Maternity Benefit Act 1961, Interstate Migrant Workmen (Regulation of Employment and Conditions Sewage) Act 1979 or any modifications thereof or any other law relating thereto any rules made there under from time to time or as a consequence of any accident or injury to any workmen or other person in or about the works, whether in the employment of the Contractor or not, save and except where such accident or injury has resulted from any act of the department, their agents or servants and also against all costs, charges and expenses of any suit, action or proceedings arising out of such accident or injury and against all sum or sums which may with the consent of the Contractor be paid to compromise or compound any such claim without limiting his obligation and liabilities as above. The Contractor shall insure against all claims, damages or compensation payable under the Workmen's Compensation Act 1923, or any modifications thereof or any other law relating thereto. The Contractor shall ensure that similar insurance policies are taken out by his sub-contractor (if any) and shall be responsible for any claims or losses to department resulting from their failure to obtain adequate insurance protection in connection thereof. The contractor shall procure or cause to be produced by his Sub-Contractors (if any) as the case may be relevant policy or policies and premium receipts as and when required by the Engineer-in-charge.

8. SAFETY OF WORKERS

Over and above the provisions made in CPWD Safety Code the following will also be applicable: In respect of all workmen directly or indirectly employed in the work for the performance of the contractor's part of this agreement, the contractor shall at his expense arrange for the safety provisions as per Indian Standard Safety codes shown below and shall at his own expense provide for all facilities in connection there with. In case the contractor fails to make arrangement and provide necessary facilities as aforesaid, he shall be liable to pay penalty prescribed under relevant clauses of these tender documents for each default and in addition the Engineer-in-charge shall be at liberty to make arrangement and provide facilities as aforesaid and recover the cost incurred on that behalf from the contractor, and no claims on this account whatsoever shall be entertained.

1. IS: 3696 (part I) Safety code for scaffolds and ladders.
2. IS: 3696 (part II) Safety code for scaffolds and ladders Part II ladders.
3. IS: 4081 Safety code for blasting and drilling operations.
4. IS: 7293 Safety code for working with construction machinery.
5. IS: 7969 Safety code for storage and handling of building materials.
6. Any other code and/or as per directions of Engineer-in-charge.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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9. COMPLIANCE OF LAWS

The contractor shall keep himself fully informed of all acts and laws of the Central and state govt. (i.e. Govt. of National Capital Territory of Delhi) all local bye laws, ordinances, rules and regulations and all orders and decree of bodies or tribunals having any jurisdiction or authority which in any manner affect hose engaged or employed on the work or which in any way affect the conduct of the works. Contractor shall at all times, observe and comply with all such laws, ordinances, rules, regulations, orders and decrees, and shall give all notices and pay out of his own money any fees or charges to which he may be liable. He shall protect and indemnify the Department and its officers and employees against any claim or liability arising out of violations of any such law, ordinances, legislations, order or decree, whether by himself or by his employees & authorized representatives.

10. PREVENTION OF NUISANCE AND POLLUTION

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 and any pollution. He shall make good at his own cost and to the satisfaction of the Engineer-in-charge, any damage to roads, paths, drainage works or public or private property whatsoever caused by the execution of the work or by traffic brought thereon by the contractor. All waste or superfluous materials shall be cleaned away by the contractor without any reservations entirely to the satisfaction of the Engineer-in-charge at no extra cost.

11. NO WAIVING OF LEGAL RIGHTS AND POWERS

The Engineer-in-Charge shall not be precluded or stopped from taking any measurements, and framing of estimates or detaining any certificates made either before or after the completion and acceptance of the work and payment, from showing the true amount and character of the works performed and materials furnished by the contractor and from showing that any such measurements, estimates or certificates untrue or incorrectly made and that Engineer-in-charge shall not be precluded or stopped from recovering from the contractor such damages as it may be sustained by reasons of his failure to comply with the terms and conditions of the contract. Neither the acceptance by the Engineer-in-Charge nor any payment for acceptance of the whole or any part of the work nor any extension of time nor any possession taken by the Engineer-in-Charge shall operate as a waiver of any portion of the contract or any power here in reserved or of any risk to damage. A waiver of any breach of the contract shall not be held to be a waiver of any other or subsequent breach.

12. SITE MAINTENANCE

The Contractor shall maintain the Sites in good order during the whole construction period. It is strictly prohibited to bury any kind of waste materials, solid or liquid, in the ground. In the event of accidental discharge of polluting materials, the Contractor shall take immediate mitigating action and shall immediately inform the Client and the appropriate authorities.

13. PERSONAL PROTECTIVE EQUIPMENTS (PPEs)

The contractor shall provide required PPEs to workmen to protect against safety and/or health hazards.

Primarily PPEs are required for the following protection.

- i. Head Protection (Safety helmets)
- ii. Foot Protection (Safety footwear, Gumboot, etc.)
- iii. Body Protection (High visibility clothing (waistcoat/jacket), Apron, etc)
- iv. Personal fall protection (Full body harness, Rope-grap fall arrester, etc)
- v. Eye protection (Goggles, Welder's glasses, etc)
- vi. Hand protection (Gloves, finger coats, etc.)
- vii. Respiratory Protection (Nose mask, SCBAs, etc.)
- viii. Hearing protection (Ear plugs, Ear muffs, etc)

The PPEs and safety appliances provided by the contractor shall be of the standard as prescribed by Bureau of Indian Standards (BIS). If materials conforming to BIS standards are not available the contractor as approved by the Engineer-in-charge shall procure PPE and safety appliances

All construction workers should be provided with high visibility jackets with reflective tapes confirming to the requirement specified under BS EN 471: 1994. The conspicuity of workmen at all times shall be increased so as to protect them from speeding vehicular traffic.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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The contractor shall provide safety helmet, safety shoe and high visibility clothing for all employee including workmen, traffic marshal and other employees who are engaged for any work under this contract as per the following requirement.

In addition to the above any other PPE required for any specific jobs like, welding and cutting, working at height, tunneling etc shall also be provided to all workmen and also ensure that all workmen use the PPEs properly while on the job. The contractor shall not pay any cash amount in lieu to PPE to the workers/sub- contractors and expect them to buy and use during work. The contractor shall at all time maintain a minimum of 10% spare PPEs and safety appliances and properly record and show to the Engineer-in-charge during the inspections. It is always the duty of the contractor to provide required PPEs for all visitors. towards this required quantity of PPEs shall be kept always at the security post.

14. VISITORS TO SITE

No visitor is allowed to enter the site without the permission of the Engineer-in-charge. All authorized visitors should report at the site office and contractor shall provide visitor’s helmet (White helmet with visitor sticker) and other PPEs like safety shoe, reflective jacket, and respiratory protection etc. as per requirement of the site.

All visitors shall be accompanied at all times by a responsible member of the site personnel. The contractor shall be fully responsible for all visitors’ safety and health within the site.

15. EMPLOYER’S RISK

- a) In the event of any such loss or damage happening from any of the excepted risks defined in GCC 2020 pertaining to permanent works, as in combination with other risks, the contractor shall, if so required by the Engineer-in-charge, rectify the loss or damage. An addition to the contract price shall be determined treating the work done to rectify the loss or damage as variation/ extra/ substituted item, as given in the relevant clauses.
- b) Whenever any event as mentioned above occurs, the contractor will notify the Engineer-in- charge, within 14 days and provide a forecast cost of repairs / rectifications of damages / losses. As soon as information demonstrating the effect of such event is available, the Engineer-in- charge shall assess the cost of repairs/ rectifications to be paid. In case contractor’s forecast is deemed unreasonable, the Engineer-in-charge shall adjust the contract price and/ or extend the contract.

Addition- Nil	Deletion – Nil	Correction – Nil	Overwriting - Nil
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On non-judicial stamp paper of minimum Rs. 100
Proforma for Form of Bank Guarantee for Earnest Money Deposit / Performance Guarantee/Security Deposit/Mobilization Advance

1. Whereas the DIG SHQ BSF TELIAMURA on behalf of the President of India (hereinafter called "The Government") has invited bids under **NIT- 03/AE(E)/SHQ-TLM/2026-27** dated _____ for 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 said Contractor(s)") for compliance of his obligations in accordance with the terms and conditions in the said NIT.

OR

- Whereas the DIG SHQ BSF TELIAMURA 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 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 obligation 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 on the demand.
3. We..... (indicate the name of the bank).....do hereby undertake to pay the amounts due and payable (indicate the name of the Bank) under this Guarantee without any demure, 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(s). 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 to the Government any money so demanded notwithstanding any dispute or disputes raised by the contractor(s) in any suit or proceeding pending before any court or Tribunal, our liability under this present 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 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 upto..... unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs..... (Rs.....only) and unless a claim in writing is lodged with us within six months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged.

Date :... ..

Witness:

1. Signature.....

Name and address

Authorized signatory

Name

Designation Staff

code No.

2. Signature..... Name and address

Bank seal.

ANNEXURE-III
(Refer to Rule 6.0)

OFFICE OF THE (COMPLETE ADDRESS OF THE ISSUING AUTHORITY)

Tele No. : _____, Email : _____

TO WHOM IT MAY CONCERN : COMPLETION CERTIFICATE

1.	Name of Work/Project & Location	
2.	Name of Agency	
3.	Agreement Number	
4.	Agreement Amount	
5.	Gross value of completed work	
6.	Stipulated date of start	
7.	Date of completion a. Stipulated date of completion b. Actual date of completion c. Justified extended date of completion, if any	
8.	Details and cost of services included (a) Civil Works (b) Electrical Works (c) Number of storeys constructed	
9.	Amount of compensation levied for delayed completion if any a. Whether case of levy of compensation for delay has been decided or not Yes/No b. If decided, amount of compensation levied for delayed completion, if any	
10.	Details of litigation/arbitration, if any	

Executive Engineer
Name of Department with address

LIST OF APPROVED MAKES FOR ELECTRICAL WORKS

S/N	Details of Materials/ Equipment	Manufacturer's Name
1	FRLS PVC insulated, copper conductor single core cable 31 ISI Marked	Havells / Polycab / Finolex / RR Kabel
2	CAT-6 Cables for LAN wiring	AMP / Systimax / Mollex / D-Link / Legrand / Finolex / Havells / Polycab
3	Co-axial TV cable RG-6 grade, 0.7 mm solid copper conductor PE insulated, shielded with fine tinned copper braid and protected with PVC sheath	Havells / Polycab / Finolex / RR Kabel
4	FRLS PVC insulated annealed copper conductor, unarmoured telephone cable	Havells / Polycab / Finolex / RR Kabel
5	PVC CONDUIT (ISI MARKED) and Accessories.	Precision / AKG / Polycab / Finolex / Anchor/ BEC
6	Steel Conduit and accessories ISI Marked.	BEC / NIC / AKG
7	Cover plate for junction boxes/switch boxes for piano type switch	Hylam/ SuperHylam / formica / Greenlam (i.e. white 3 mm thick).
8	Piano Type Switch Socket / Telephone Socket / TV Socket	Anchor / Havells –Reo / SSK
9	Modular Switch / Socket/ Telephone Socket / TV Socket / LAN socket/ Data outlet Socket/ Fan Regulator / USB Charger / Metal boxes / Occupancy Sensor/ Blanking / G.I. box for modular switches.	Legrand (Arteor) / Panasonic (Vision) / Wipro North-West (Arista)/ Crabtree (Murano) / ABB- IVIE/ Schneider (Zencelo)/ L&T –Englaze/ Honeywell (Orna)
	The galvanized boxes of modular switch/sockets etc. shall be of the same make as of switch/socket. The wall thickness shall not be less than 1.2 mm (18 gauge) for G.I. boxes upto a size of 20 cm x 30 cm, and above this size 1.6 mm (16 gauge) thick G.I. boxes shall be used.	Legrand / Panasonic (Anchor) / Wipro North-West / Crabtree / ABB / Schneider / L&T / Honeywell
10	Wall bracket fitting, bed light	Jaquar / Havells / Philips/ WIPRO
11	Call Bell / buzzer	Anchor / GM Modular / Havells / MK / Legrand / ABB/ Panasonic
12	Ceiling Rose, (3 Pin), Batten Holder / Angle holder	Anchor / Havells/ GM Modular / MK / Legrand / ABB
13	Fresh Air Fan with 2 YEARS Guarantee.	Fresh Air Fan with self-opening louvres in Havells/ Crompton / Orient / Usha / Almonard/ Atomberg
14	Wall fan with 2 YEARS Guarantee.	Havells / Crompton / Orient / Usha / Almonard
15	Exhaust Fan 300 MM with 2 YEARS Guarantee.	Havells / Crompton / Orient / Usha / Almonard
16	Exhaust Fan (Heavy duty) 380/450 MM with 2 YEARS Guarantee	Havells make Turbo force Heavy Duty Exhaust Fan or with similar specifications Crompton / Orient / Usha / Almonard
17	Ceiling Fan, BEE 5 star rating BLDC Ceiling fan with minimum 2 year Warranty complete with Fan Motor, Blade Set, Down Rod, 2 nos. canopies, shackle kit, safety rope.	Havells / Atomberg / Usha/ Orient/Crompton

18	Storage Water Heater with protection against overheating, Multifunction Safety Valve and externally adjustable thermostat, with 16 A, 240 V, plug top with in-built 30 mA RCD and 02 nos flexible connection pipe.	Havells / Crompton/ AO Smith /Racold /Jaguar with 7-year warranty on inner tank, 3 year warranty on heating element, 2 year comprehensive Warranty.
19	LED Lamp.	Philips / Havells/ Wipro/ Jaquar
20	LED street Light Fittings / LED Flood lights/ Area LED lights	Philips / Havells/ Wipro/ Bajaj /Trilux / LT/ CARIBONI /Regent with 5 years manufacturers' warranty for complete luminaire, IP66 .
21	LED Luminaries indoor.	Philips / Havells/ Wipro / Trilux / Bajaj /LT/ KREON /ERCO/Regent with 5 years manufacturers' warranty for complete luminaire
22	MCB, Isolator, Industrial Plug Socket, RCCB, RCBO'S	Legrand (DX3), L&T (AU), Schneider (Acti-9), ABB (SB 200M), Hager- (h3)
	MCB DB and Loose Wire Box (The MCB DB and cover shall be fabricated from 1.6mm sheet steel)	Legrand / Hager / Siemens/Schneider / ABB / L&T
23	MCCB (Icu =Ics= 100%)	Schneider electric NSX series/ Legrand (DPX3)/ L&T(DSine)/ ABB(TMax) / Siemens (VL Series series)
24	G.I. Pipe	JINDAL (HISAR) / TATA/ Zenith /Surya – Prakash/Sail (All ISI marked only).
25	XLPE insulated PVC sheathed armoured / un-armoured copper / aluminium conductor MV cable, control cable/ Submersible cable of 1.1 KV grade	Havells /Polycab/ Finolex /KEI /RR Kabel, (all ISI marked only)
26	DWC HDPE pipe ISI marked	(REX Polyextrusion / Jain Irrigation / Duraline /
27	H T/ LT indoor, outdoor & straight through joint, END TERMINATION	Avadh Polytube/ Gemini make) Raychem, M Seal, 3M, Denson, Cabseal
28	Terminal blocks	Connect well/Elmex/ Phoenix/ Wago/ Essen/
29	Cable Glands	Comet, Cosmos, DOWELLS/ HMI / Ascon/ JAINSONS/Hex/
30	Copper/ Aluminium Cable Lug	Comet, Dowell/ jainson / Gripwel / Hex / /ASCAN/BRACO
31	LED Type Indicating Lamps	ABB/ESBEE /Schneider electric /L&T / Siemens/C&S/ Vaishno / Telemechonique / Vaishno
32	Current Transformer	Kappa / Automatic Electric /Vaishno/ Schneider/ Rishabh / L&T / Pragati/ Gilbert & Maxwell / Precise / Siemens
33	Selector Switch, Toggle Switch	L & T/ Siemens/ Kaycee / BCH / Teknic / Rishabh/ Schneider/ Vaishno
34	Push Buttons	L&T / Siemens / Teknic / ABB / Kaycee /SCHNEIDER/ ESBEE / BCH/ Vaishno
35	Timer	Siemens/ L & T /Schneider /ABB
36	Energy Meter	L&T / HPL / Conserve/ Secure/ Socomec

37	Single Phase Preventer	L&T / Minilec / Siemens / ABB/ Schneider Electric
38	Rotary Switches	Kaycee / ABB / Schneider Electric / L&T / Siemens / BCH / Rishabh / Teknik / Vaishno
39	Voltmeter / Ammeter/Multifunction	L&T/ Conzerv / HPL/ MECO/ Automatic Electric / ABB/ SCHNEIDER / Rishabh /Trinity / Salzer/
	Meter	Legrand
40	Overload Relay	ABB / Schneider Electric / L&T / Siemens
41	Contactors	L&T, Schneider, Siemens, ABB,
42	ACB's	Siemens (Sentron 3 WL)/ L&T (U Power)/ ABB
		(Emax)/ Schneider (Masterpact)
43	Polycarbonate Junction Boxes	Hensel / Clipsal/ Sintex/ CAPE/ ELM / GEWISS/ SPELSBERG / RITTAL/ EATON/OBO.
44	G.I. Octagonal pole	Bajaj/ Transrail / Valmont /Surya/ Crompton
45	Motor Pumping set	ABB / Crompton / Siemens / Kirloskar / CRI/ Texmo /KSB
46	Motor Pump starters/ Controllers/ contactors and accessories	L&T / Schneider / ABB / Siemens
47	Changeover Switch	L&T/ HPL / Socomec / Schneider / Siemens/ ABB/ Legrand
48	Control Cables and Other Cables	Havells / Polycab / Finolex / RR Kabel

49	Switch Disconnecter Fuse Units (SDFUs)	L & T / Legrand / Schneider / Siemens/ ABB
50	Cubical Panel Board / Feeder Pillar	Milestone / ADLEC systems Pvt Ltd. / Advance Panels & Switchgear Pvt. Ltd. / Neptune / Tricolite / Controls & Contracts /Associated Switchgears & Projects Ltd./ Precision System Control / Risha Control Engineers Pvt. Ltd / LS Power control/ Application Controls Panels Pvt. Ltd
51	On line UPS	Eaton, Fuji Electric, Numeric, Schneider, Socomec ,TMEIC, Vertiv, Delta
52	Air Conditioner 5 Star Inverter AC with minimum 5 Years Warranty on Compressor.	Daikin / Carrier / Blue Star/ O-General / Mitsubishi/ Voltas
53	Voltage stabilizer	V- Guard/ Microtech / Luminous /Totaline / Logicstat / Bluebird with minimum 3 year warranty.
54	Centralized air-cooling system	Symphony/Coolwind / Evapolar/ Sky Air cooler/
55	Synthetic Enamel Paint	Berger, Asian Paints, Jenson &Nicholson, Nerolac.
56	CPVC Pipes and Fittings.	Finolex / Supreme /Astral / Ashirvad/ Prayag
57	G.I. pipe fittings.	Zoloto / Unik/ICS/ HB
58	PVC /HDPE Water storage tank.	Sintex/ Vectus/ Supreme, all ISI marked only.
59	Water Supply Valves	Zoloto/ Leader/ ARCO/ Kirloskar
60	Water supply fixtures like bibcock angle cock, Pillar cock.	Jaquar /Parryware /Cera/Marc /Hindware.
61	Pressure Sand Filter	Pentair (USA) / Astral (Spain) /Hayward (USA)/ Leisure pool
62	PH & Chlorine dosing system	Pentair (USA) / Astral (Spain) /Hayward (USA)/ Leisure pool
63	Gas Chlorinator	Pentair (USA) / Astral (Spain) /Hayward (USA)/ Leisure pool
64	Pool maintenance accessories	Pentair (USA) / Astral (Spain) /Hayward (USA)/ Leisure pool
65	Electronic Ballast for fluorescent tube light.	Havells/ Philips /Wipro/ Crompton/ Bajaj
66	DLP / PVC Trunking	Legrand/Schneider/ Honeywell / OBO BETTERMAN
67	All other items not covered above	As per approval of the Engineer-in-charge

The contractor shall get the samples of all items approved by the Engineer -in-charge before using them. The decision of the Engineer-In -Charge is final will be final in this regard.

SCHEDULE OF WORK

NOW:- Repair, maintenance and Up-gradation of street lights and security lights at BSF campus Khasiamangal under SHQ BSF Teliamura.

S/No.	Description of Items	Qty	Unit	Rate	Amount
1	Supply, installation, testing and commissioning of 25 watts LED-based post top luminaires, IP 66 and impact resistance of IK07, with Die-cast aluminium spigot housing with LED lighting source and lens with toughened glass, complete with diffuser, LED module, electronic driver and all other accessories, having minimum system luminous efficacy of 95 lm/W, on existing street light pole/gate including connection etc. as required. Make :CORAL/RUBY LED post top Havells similar in Philips / Havells/ Wipro/ Bajaj	6	Each	6496.00	38976.00
2	Supplying, installation, testing and commissioning of 70 Watt LED street light luminaire made up of die-cast aluminium housing, with IP66 degree of protection, complete with the driver, LEDs with optical lens, toughened glass cover, etc. The luminaire should have suitable for operation on voltage range 140-270V, 1Φ, 50Hz AC supply system, and a mechanical impact resistance rating of $Ik \geq 07$. surge protection of $\geq 10KV$, $PF \geq 0.90$ and minimum system luminous efficacy of 120 lm/W. The luminaire shall be designed for an average system life L70B50: 50000 hours and suitable for mounting on the pole bracket up to outer dia 50 mm, including installation on existing street light pole bracket connections and earthing etc., as required. LM 79 and LM 80 reports need to be submitted from a NABL/UL accredited lab to verify the above parameters. (Approved Manufacturers: Phillips, Havell, Lighting Technology, and Bajaj)	27	Each	5779.00	156033.00
3	Supplying, installation, testing, and commissioning 120 W LED floodlight luminaire, complete with driver, LEDs with optical lenses, toughened glass cover, mounting bracket, and pressure-die-cast aluminium housing, including installation of floodlights, on-wall or existing street light pole brackets and connections, earthing, including providing fixing bolts, nuts, and washers, etc., as required. The fixture should have a minimum system efficacy >140 lumens per watt, ingress protection of IP66, and a mechanical impact resistance rating of $IK \geq 07$. The fixture driver should have an operating voltage range of 100–300 V, surge protection of $> 10 KV$, and a PF of > 0.95 . The fixture shall be designed for a system life of 50,000 hours at 70% lumen maintenance. LM 79 reports need to be submitted from a NABL or UL-accredited lab to verify the above parameters. The contractor shall provide a warranty for the above-LED light fixtures for five years. (Approved Manufacturers: Phillips, Havell, Lighting Technology, and Bajaj)	14	Each	7326.00	102564.00
TOTAL Rs.					297573.00

