INDEX

Name of work:- **Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).**

NIT No. 37/EE(E)/JED/2026-27

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Executive Engineer (E)-Jammu
CPWD, Satwari, Jammu.

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

(Applicable for inviting single bid system)

The Executive Engineer (E)-Jammu, CPWD, Satwari, Jammu (J&K) (Phone No. 0191-2433569) (e-mail id: eesced@yahoo.co.in) on behalf of the President of India, hereby invites online Percentage rate tenders from the **approved and eligible CPWD Contractor "Buildings & Roads" category for the following work:-**

Sr No	NIT No.	Name of work & Location	Estimate cost put to bid in `	Earnest Money in `	Stipulated Period of Completion of work (in month)	Last date of online submission of bid, copy of receipt of deposition of original EMD and other documents as specified in the bid document	Date & Time of opening of bid
1	2	3	4	5	6	7	9
1	**37/EE(E)/JED/2026-27**	**Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).**	**Rs. 8,64,321/-**	**Rs. 17,286/-**	**1 Month**	Up to 5:00 PM on **06-11-2026**	Up to 5:30 PM on **06-11 -2026**

1. The intending bidder must read the terms and conditions of CPWD-6 carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form part of bid document.

3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website https://etender.cpwd.gov.in or www.cpwd.gov.in free of cost.

4. But the bid can only be submitted after deposition of original EMD either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission and uploading the mandatory scanned documents such as Insurance Surety Bonds, Account Payee Demand draft or Banker's Cheque or Fixed Deposit Receipts or/ and Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Bank towards EMD in favour of **Executive Engineer, Jammu Division, CPWD, Jammu** as mentioned in NIT, receipt for deposition of original EMD to division office of any Executive Engineer (including NIT issuing EE/ AE), CPWD and other documents as specified.

5. Those contractors who are not registered or have not updated their profile on the website mentioned above, are required to get registered / update their profile beforehand. The necessary training materials including the videos with step to step process are available on download section of https://etender.cpwd.gov.in

6. The intending bidder must have valid Class-III digital signature certificate with encryption key (combo type) to perform any operations / transactions on the e-tendering portal / website and the bidder should download and install the eMsigner on their system as per instructions available on download section ofhttps://etender.cpwd.gov.in.

7. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.

8. Contractor can upload documents in the form of JPG format and PDF format

9. Contractor must ensure to quote rate in the prescribed column(s) meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it turns sky blue.

   In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).

   However, If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

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

1. Insurance Surety Bond, Demand Draft/ Account Payee Banker's Cheque / FDR/ Bank Guarantee of any commercial Bank against EMD.
2. Enlistment Order of the Contractor.
3. GST Registration Certificate, if already obtained by the bidder.

   If the bidder has not obtained GST registration **as applicable**, then he shall scan and upload following undertaking along with other bid documents.

   "If work is awarded to me, I/we shall obtain GST registration Certificate, **as applicable**, within one month from the date of receipt of award letter or before release of any payment by CPWD, whichever is earlier, failing which I/We shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by CPWD or GST department in this regard.

4. Copy of receipt for deposition of original EMD issued from division office of any Executive Engineer (including NIT issuing EE/AE), CPWD.
5. Valid electrical contractors license OR an undertaking that they will either obtain valid electrical license at the time of execution of electrical work or associate contractor having valid electrical contractor license.
6. ERP Training Certificate.
7. E-mail id & contact No. of the bidders.

Executive Engineer (E)-Jammu
CPWD, Satwari Jammu.

CPWD 6 FOR e-TENDERING

Percentage rate bids are **invited** on behalf of the President of India, hereby invites online Percentage rate tenders from the **approved and eligible CPWD Contractor "Buildings & Roads" category for the following work:-**

Name of Work:- Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).

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. 8,64,321/-**This estimate, however, is given merely as a rough guide.

1.1.1 The authority competent to approve NIT for the combined cost and belonging to the major discipline will consolidate NITs for calling the bids. He will also nominate Division which will deal with all matters relating to the invitation of bids.

For composite bid, besides indicating the combined estimated cost put to bid, should clearly indicate the estimated cost of each component separately. The eligibility of bidders will correspond to the combined estimated cost of different components put to bid.

1.2. Intending bidders is eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents.

1.2.1 ~~Criteria of eligibility for CPWD as well as non-CPWDcontractors,~~

~~For works estimated to cost above the tendering limit of class-1 composite category Contractor (However for Horticulture and Furniture discipline, it may modified as perbidding limit of CPWD class I contractors of respective discipline as the case may be.)~~

~~Threesimilarworkseachofvaluenotlessthan**Rs.**..... or two similar works~~

~~each of value not lessthan**Rs**.....or one similar work of value not less than**Rs.**~~

~~…….. (all figures rounded to nearest convenient figure) in last 7 years ending previous day of last date o submission of bids.~~

~~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 completionto the last date of submission of bid. This is applicable for 1.2.1 as well as1.2.2 (This is not applicable for CPWD enlisted contractors of appropriate class in composite category)~~

~~**To become eligible for issue of bid, the bidders shall have to furnish an affidavit asunder:-**~~

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

1.2.2 ~~When bids are invited from non CPWD contractors and CPWD class II contractors as per provisions of clause 1.2.1 above, it will be mandatory for non CPWD contractors and CPWD class II contractors to upload the work experience certificate(s) and the affidavit as per the provisions of clause1.2.2.~~

~~But for such bids, Class I contractors of CPWD are eligible to submit the bids without submission of work experience certificate and affidavit. Therefore, CPWD class I contractors shall upload two separate letters for experience certificate and affidavit that these documents are not required to be submitted by them. Uploading of these two letters is mandatory otherwise system will not clear mandatory fields.~~

2. Agreement shall be drawn with the successful bidders on prescribed Form No. **CPWD 7** (or other Standard Form as mentioned) which is available as a Govt. of India Publication and also available on website **www.cpwd.gov.in**. Bidders shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.

3. The time allowed for carrying out the work will be **1 Month** 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 tender documents.

4. The site for the work is available.

OR

~~The site for the work shall be made available in parts as specified below:-~~

……

(ii). ~~The architectural and structural drawing for the work is available~~

or

~~The architectural and structural drawings shall be made available in phased manner, as per requirement of the same as per approved programme of completion submitted by the contractor after award of work.~~

4 The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents except Standard General Conditions Of Contract Form can be seen from website www.etender.cpwd.gov.in **or www.cpwd.gov.in** free of cost.

5. After submission of the tender the contractor can re-submit revised tender any number of times but before last time and date of submission of tender as notified.

6. While submitting the revised tender, contractor can revise the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.

7. When bids are invited in three stage system and if it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.

8. Earnest Money in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee including e-Bank Guarantee (for balance amount as prescribed) from any of the Commercial Banks **(drawn in favour of Executive Engineer, Jammu Division, CPWD, Jammu)** shall be scanned and uploaded to the e-Tendering website within the period of bid submission. The original EMD should be deposited either in the office of Executive Engineer inviting bids or division office of any Executive Engineer, CPWD within the period of bid submission. The EMD receiving Executive Engineer (including NIT issuing EE/AE) shall issue a receipt of deposition of earnest money deposit to the bidder in a prescribed format (enclosed) uploaded by tender inviting EE in the NIT.

A part of earnest money is acceptable in the form of bank guarantee also. In such case, minimum 50% of earnest money or Rs. 20 lac, whichever is less, shall have to be deposited in shape prescribed above, and balance may be deposited in shape of Bank Guarantee including e- Bank Guarantee of any Commercial bank having validity for a period of 90 days for single bid works and 180 days for two bid system or more from the last date of receipt of bids which is to be scanned and uploaded by the intending bidders.

The earnest money given by all the tenderers except the lowest tenderer shall be refunded immediately after the expiry of stipulated bid validity period or immediately after acceptance of the successful bidder, whichever is earlier. However, in case of two/ three bid system, earnest money deposit of bidders unsuccessful during technical bid evaluation etc. should be returned within 30 days of declaration of result of technical bid evaluation.

Copy of Enlistment Order and certificate of work experience and other documents as specified in the press notice shall be scanned and uploaded to the e-Tendering website within the period of bid submission. However, certified copy of all the scanned and uploaded documents as specified in press notice shall have to be submitted by the lowest bidder only along with physical EMD of the scanned copy of EMD uploaded within a week physically in the office of tender opening authority. Online bid documents submitted by intending bidders shall be opened only of those bidders, whose original EMD deposited with any division of CPWD and other documents scanned and uploaded are found in order.

The bid submitted shall be opened **on 06-11-2026_upto 5.30 PM.**

9. The bid submitted shall become invalid and e-Tender processing fee shall not be refunded if:

(i) The bidder is found ineligible.

ii) The bidder does not upload scanned copies of all the documents stipulated in the bid document.

(iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.

(iv) If a tenderer quotes nil rates against each item in item rate tender or does not quote any percentage above/below on the total amount of the tender or any section / sub head in percentage rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.

10. The contractor whose bid is accepted will be required to furnish **performance guarantee of 5% (Five Percent) of the estimate cost put to tender (ECPT) or contract amount whichever is higher & Additional performance gurantee, the amount of additional performance guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount** as mentioned in schedule of E and within the period specified in Schedule F in favour of **Executive Engineer, Jammu Division, CPWD, Satwari, Jammu.**. This guarantee shall be in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt or Bank Guarantee from any of the Commercial Banks in accordance with the prescribed form. In case the contractor fails to deposit the said performance guarantee and additional 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 along with bid shall be returned after receiving the aforesaid performance guarantee and additional 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, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. If applicable and also ensure the compliance of aforesaid provisions by the sub-contractors, if any engaged by the contractor for the said work within the period specified in Schedule F.

11. The description of the work is as follows:

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidders shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at 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.

12. The competent authority on behalf of the President of India does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.

13. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.

14. The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.

15. The contractor shall not be permitted to bid for works in the CPWD Circle (Division in case of contractors of Horticulture/Nursery category) responsible for award and execution

of contracts, in which his near relative is posted a Divisional Accountant or as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in the Central Public Works Department or in the Ministry of Urban Development. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.

16. No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of 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 engagement in the contractor's service.

17. The bids for the work shall remain open for acceptance for a period of 30 (thirty) days from the date of opening of bids in case of single bid system ~~and 75 (seventy five) days from the date of opening of technical bids in case bids are invited in 2 or 3 bid system. Further~~

(i) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department within 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 50% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(ii) If any tenderer withdraws his tender or makes any modification in the terms & conditions of the tender which is not acceptable to the department after expiry of 7 days after last date of submission of bids, then the Government shall without prejudice to any other right or remedy, be at liberty to forfeit 100% of the earnest money absolutely irrespective of letter of acceptance for the work is issued or not.

(iii) In case of forfeiture of earnest money as prescribed in para (i) and (ii) above, the bidders shall not be allowed to participate in the rebidding process of the same work.

18. This notice inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 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.

19. ~~For CompositeBids~~

~~The Executive Engineer in charge of the major component will call bids for the composite work. The cost of bid document and Earnest Money will be fixed with respect to the combined estimated cost put to tender for the compositebid.~~

~~The bid document will include following three components:~~

~~Part A:~~ ~~CPWD 6, CPWD 7/8 including schedule A to F for the major component of thework, Standard General Conditions of Contract for CPWD 2014 as amended/modified up to .....~~

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

~~Part C:~~ ~~Schedule A to F for minor component of the work (competent authority under clause 2 and clause 5 shall be same authority as mentioned in schedule A to F formajor components), General/specific conditions, specifications and schedule of quantities applicable to minor component(s) of the work.~~

20.1.3 ~~The bidders must associate himself, with agencies as per NIT conditions~~

20.1.4 ~~The eligible bidders shall quote rates for all items of major component as well as for all items of minor components of work.~~

20.1.5 ~~After acceptance of the bid by competent authority,the EE in charge of major component 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 EE incharge of major component and has also to sign two or more copies of agreement depending upon number of EE's/DDH incharge of minor components. One such signed set of agreement shall be handed over to EE/DDH incharge of minor component(s). EE of major component will operate **Part A** and **Part B** of the agreement. EE/DDH incharge of minor component(s) shall operate **Part C** alongwith**Part A** of theagreement.~~

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

20.1.7 ~~Security Deposit will be worked out separately for each component corresponding to the estimated cost of the respective component of works.~~

20.1.8 The main contractor has to associate agencies for specialized 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 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).

20.1.9 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 specialized 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.

20.1.10 The main contractor has to enter into MoU with agency(s) associated by him . Copy of such MoU shall be submitted to EE/ DDH in charge of each relevant component as well as to EE incharge of major component. In case of change of associate contractor, the main agency(s) has to enter into MoU/agreement with the new contractor associated by him.

~~20.1.11 Running payment for the major component shall be made by EE of major discipline to the main contractor. Running payment for minor components shall be made by the Engineer- in-charge of the discipline of minor component directly to the main contractor.~~

~~20.1.12A. 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 of major component after record of completion certificate of all other components.~~

~~20.1.12B. Final bill of whole work shall be finalized and paid by the EE of major component.~~

~~Engineer(s) in charge of minor component(s) will prepare and pass the final bill for their component of work and pass on the same to the EE of major component for including in the final bill for composite contract.~~

22. The intending bidders are required to update their profile in CPWD e-tender portal and to upload their bids well in advance of last date of submission of tender. Any issue related to updating profile/uploading tender can be resolved through the concerned Executive Engineer/ Assistant Engineer (Phone No. 9891064559/8949442088, email id eesced@yahoo.co.in) or ERP help line no. 18001803286 or e-mail id cpwd.support@techmahindra.com. The e-tendering bidders are also advised not to wait to raise any issued till the last date of submission of bid in their own interest.

Executive Engineer (E)-Jammu,
CPWD, Satwari Jammu

Information and instructions for tender inviting authority for e-tendering .

(i) The EE/Engineer in Charge/DDH of any divisions/projects of CPWD or any other officer designated by CPWD Directorate from time to time, are authorized to receive the EMDs. These authorities should receive the original EMD for their tenders or tenders of any other division/projects.

(ii) The NIT approving authority/ Tender inviting authority at the time of issue of NIT also fills and upload the following prescribed format of receipt of deposition of original EMD along with NIT:-

Receipt of deposition of original EMD

(Receipt No……../ date……)*

1. **Name of work :- Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).**
2. NIT No:- 37/**EE(E)/JED/2026-27**
3. Estimated Cost :- **Rs. 8,64,321/-**
4. Amount of Earnest Money Deposit :- **Rs. 17,286/-**
5. Last date of submission of bid **06-11-2026 upto 5:00 PM**

(*To be filled by Tender inviting authority/NIT approving authority at the time of issue of NIT and uploaded along with NIT)

1. Name of contractor ……#

2. Form of EMD……..……#

3. Amount of Earnest Money Deposit…….#

4. Date of submission of EMD……#

Signature, Name and Designation of EMD receiving officer along with Office stamp
(# To be filled by EMD receiving EE/DD

GOVERNMENT OF INDIA

CENTRAL PUBLIC WORKS DEPARTMENT

STATE	: Jammu &Kashmir.	CIRCLE	: JC
BRANCH	: E & M	DIVISION	: JED.
		SUB-DIVISION	: JESD

Percentage Rate Tender & Contract for Works

Tender for the work of:- Name of work :- Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).

(i) To be uploaded by**17:00 hours** on **06-11-2026** at www.etender.cpwd.gov.in**.**

(ii)To be opened in presence of tenderers who may be present at **17.30** hours on **06-11-2026** in the office of **Executive Engineer (E)-Jammu, CPWD, Satwari, Jammu (J&K).**

T E N D ER

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

I/We hereby tender for the execution of the work specified for the President of India as per time schedule of mile stone(s) and 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 thirty~~/seventy five (~~30~~/ 75)~~ days from the date of opening of bids in case of single bid system/ ~~sixty (60) days from the date of opening of technical bid in case bids are invited on 2 or 3 bid envelop system~~. (strike out as the case may be) and not to make any modification in its terms and conditions.

A sum of **Rs. 17,286/-**is hereby forwarded in Receipt Treasury Challan / Deposit at call Receipt of a Scheduled Bank / fixed Deposit receipt of scheduled Bank/ Demand draft of a scheduled Bank, / Bank guarantee issued by a scheduled bank as earnest money. If I/We fail to furnish the prescribed performance guarantee and additional performance guarantee within prescribed period, I/We agree that the said President of India or his successors 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 the performance guarantee and additional 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 bid documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, upto maximum of the percentage mentioned in Schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the bid form.

Further, I/We agree that in case of forfeiture of Earnest Money or both Earnest Money and performance guarantee and additional performance guarantee as aforesaid, I / We shall be debarred for participation in the re-biding 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 biding in CPWD in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee and additional performance guarantee.

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

Dated ……	Signature of the Contractor
Witness:.....	Postal Address……
Address:……	Telephone No…….
Occupation:…….	FAX ……
	E-MAIL ……

ACCEPTANCE

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

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

(a)……

(b)……

(c) ……..

For & on behalf of the President of India

Signature…….....……..

Dated…….. Designation…….

PROFORMA OF SCHEDULES

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders) (Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities --------Attached------

SCHEDULE 'D'

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

SCHEDULE 'E'

Reference to General Conditions of contract.	**CPWD General specifications for Electrical works Part-I Internal 2023, Part-2 External 2023, Part-VII DG Sets 2013,Part IV Substation 2013 amended upto date of submission of tender.**

Name of Work:- Name of work :- Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).

Estimated cost of work:	**Rs. 8,64,321/-**
Earnest money:	**Rs. 17,286/-(To be returned after performance guarantee)**
Performance Guarantee:	**5% of the estimate cost put to tender (ECPT) or contract amount whichever is higher**.
Additional Performance Guarantee	**The amount of additional performance guarantee (APG) shall be equivalent to the difference between the 80% amount of ECPT and quoted amount (as per OM No. DG/Manual-2024/20 dt. 27-02-2026).**
Security Deposit:	2.5% of Tendered amount.

SCHEDULE 'F'

General Rules & Directions:		**GCC 2023 Maintenance Work provisions amended upto date submission of tender**
Officer inviting tender		**Executive Engineer(E)-Jammu** CPWD, Satwari, Jammu (J&K)
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		Refer clause 12
Definitions:		
2(v)	Engineer-in-Charge	**Executive Engineer(E)-Jammu** CPWD, Satwari, Jammu (J&K)
2(viii)	Accepting Authority	**Executive Engineer(E)-Jammu** CPWD, Satwari, Jammu (J&K)
2(x)	Percentage on cost of materials and labour to cover all overheads and profits	15%
2(xi)	Standard schedule of Rates	DSR 2025 (E&M) / Market Rates
2(xii)	Department	Central Public Works Department.
9(ii)	Standard CPWD contract form	**GCC 2023 Maintenance Work, CPWD form 7 (Percentage rate) as modified and corrected up to date of submission of tender.**

Clause 1

i) Time allowed for submission of Performance Guarantee and additional performance guarantee from the date of issue of letter : 7 Days

ii) Maximum allowable extension with late fee @ 0.1% per day of performance guarantee and additional performance guarantee amount beyond the period in (i) above : 3 Days

Clause 2 Authority for fixing compensation under clause -2: Superintending Engineer-Jammu,
CPWD, Satwari, Jammu.

Clause 2A Whether clause 2A shall be applicable No

Clause 5 Number of days from the date of issue of letter of acceptance for reckoning date of start ……10 Days……..

MILE STONE (S) AS PER TABLE GIVEN BELOW:-

Table of Milestone (s)

S. NO.	DESCRIPTION OF MILESTONE (PHYSICAL)	TIME ALLOWED IN DAYS (FROM THE DATE OF START)	AMOUNT TO BE WITH-HELD IN CASE OF NON-ACHIEVEMENT OF MILESTONE.
----------Not Applicable----------			

Time allowed for execution of work : 1 Month.

Authority to Decide:

1. Extension of time 2. Rescheduling of milestones 3. Shifting of date of start in case of delay in handing over of site	**Executive Engineer(E)-Jammu** CPWD, Satwari, Jammu

Clause 6 **e-MB through ERP**

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. 3,00,000/-**
Clause 7A:-	Whether Clause 7A shall be applicable	**Applicable**

(a) No Running Account Bill/Final Bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board, whatever applicable are submitted by the contractor to the Engineer-in-charge.

(b) The following documents shall also be part of the bill submitted by the contractor (these documents shall be owned by the contractor) before making payment:-

1. Details of person employed with date of their employment up to previous month.

2. Documents of payment made to the employees directly into their bank accounts up to previous month.

3. Documents of attendance through biometric attendance or other mode up to previous month.

4. Documents of deposition of EPF and ESI deduction in the employees account up to previous month.

5. Any penalty imposed on the agency for delay in disbursing payment and deposition of EPF and ESI deduction in the employee accounts up to previous month.

6. Any other documents(s) required as per

	statutory requirement and/or as directed by the Engineer-in-charge. (c) In case, any of the documents submitted by the contractor is found false/forged at a later date, action for debarment of contractor will be taken by the SE/CE concerned. (Added vide DG/CON/Construction 2023/13 dt. 31- 01-2025)	
Clause 10A	List of testing equipment to be Provided by the contractor at site lab	Applicable
Clause10B(i)	Whether clause 10-B(i) shall be applicable	No
Clause 10C	Component of labour expressed as percent of value of work	Applicable 15%
Clause 10CC	Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column:	N.A.
	Schedule of component of other Material Labour, POL etc. for price escalation	
Component of civil (Except materials covered under clause 10 CA)/ Electrical construction materials expressed as percent of total value of work.	X%	Not applicable
Component of labour expressed as percent of total value of work.	Y%	
Component of POL expressed as percent of total value of work.	Z%	
Clause 11 Specifications to be followed for execution of work	:	**CPWD General specifications for Electrical works Part-I Internal 2023, Part-2 External 2023, Part-VII DG Sets 2013, Part IV Substation 2013 amended upto date of submission of tender.**

Clause 12
Type of work :- Maintenance work

12.2 & 12.3	Deviation limit beyond which clauses 12.2 & 12.3 shall apply for electrical work.	**: 100%**
~~12.5~~	~~Deviation limit beyond which clauses 12.2 and 12.3 shall apply for foundation work.~~	~~**100%**~~
Clause 16	Competent Authority for deciding reduced rates.	Superintending Engineer-Jammu CPWD, Satwari, Jammu.
Clause 18	List of mandatory machinery, tools & plants to be deployed by the contractor at site.	As specified in additional terms and conditions

Clause 19 The contractor shall obtain a valid license under the contract Labour (R&A) Act, 1970 and the contract Labour (Regulation and Abolition) central Rules, 1971 before the commencement of the work, and continue to have a valid license until the completion of the work.
The contractor shall also comply with provisions of the InterState Migrant Workmen (Regulation of Employment and Conditions of Service) Act, 1979.

Clause 19C ……Rs.1000/- penalty for each default.

Clause 19D …… …… Rs.1000/- penalty for each default.

Clause 19G …..…… Rs.1000/- penalty for each default.

Clause 25
Constitution of Dispute Redressal Committee (DRC) :

For all claims in dispute	
Conciliator	**ADG, CPWD, Jammu.**
Arbitrator appointing authority	**SE, Jammu Circle, CPWD, Jammu**
Place of arbitration	**Jammu**

Clause 32

Requirement of Technical Representative(s) and recovery Rate: -

S.No	Designation	Discipline	Minimum Qualification	Minimum experience (years)	Number (of Engineers)	Rate of recovery at following rates in case of non compliance of Clause 36 (i)

						Figures	Words
----------NIL----------							

Clause 38

(I)		
a)	Schedule/statement for determining theoretical quantity of cement & bitumen on the basis of Delhi Schedule of Rates ..... printed by C.P.W.D.	
(II)	Variations permissible on theoretical quantities:	
a)	Cement	
	For works with estimated cost put to tender not more than Rs. 25 lakh.	3% plus/minus.
	For works with estimated cost put to tender more than Rs. 25 lakh.	2% plus/minus.
b)	Bitumen All Works	2.5% plus & only & nil on minus side.
c)	Steel Reinforcement and structural steel sections for each diameter, section and category	2% plus/minus
d)	All other materials	Nil

Executive Engineer(E)-Jammu,
CPWD, Satwari Jammu (J&K)

COMMERCIAL AND ADDITIONAL CONDITIONS

1. **Name of work :- Replacement of Existing defective LT Panels installed at CRPF Campus Dheerti Dharore, Katra (J&K).**

2.

3. This specification covers supplying, testing of equipments as may be necessary before dispatch, delivery at site, all preparatory work, final testing and commissioning.

Location:- at CRPF Campus Dheerti Dharore, Katra (J&K).

I. The work shall be executed as per Technical specifications given in the tender, CPWD General Specifications for Electrical Works (Part I – Internal) 2023, (Part II – External) 2023 & Fire Alarm System 2018 wherever applicable, as per relevant IS and as per directions of Engineer-in-Charge. The technical specifications are to be read in conjunction with above and in case of variations; technical specifications of tender document shall apply. Nothing extra shall be paid on account of additional features in the technical specifications as the same are to be read along with schedule of quantities for the work.

II. The Department shall not issue any T & P and nothing extra shall be paid on account of this.

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

IV. Terms of payment :

The following percentage of contract rates shall be payable against the stages of work as shown.

S.No.	Payment	Stage of work
1	After initial inspection (wherever specified) & delivery at site in good condition on pro rata basis	70 %
2	On installation of equipments	20 %
3	On commissioning and handing over of complete installation.	10 %

No foreign exchange shall be made available by the Department for importing (purchase) of equipments, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate

Rates:

The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including GST) and levies and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc at site i/c temporary constructional storage, risks, over head charges, general liabilities/obligations and clearance from local authorities. The fee for the inspection of installation by government authorities shall be reimbursed by the department on production of receipts. The contractor has to, however, initially make the payment.

V. Completeness of tender:

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

VI. Storage and custody of materials:

The plant room may be used for storage of sundry materials and erection equipments if available or else the agency has to make their own arrangement. Watch and ward of the stores and their safe custody shall be the responsibility of the contractor till the final taking over of the installation by the department.

VII. Care of the Building :

The work is to be carried out **at CRPF Campus Dheerti Dharore, Katra (J&K).**

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

6.0 Completion period :

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of General arrangement drawings, supplying, installation, testing, commissioning and handing over of the entire installation to the satisfaction of the Engineer-in-charge.

7.0 Performance Guarantee:

The tenderer shall guarantee among other things, the following vis-à-vis specifications.

a. Quality, strength and performance of the materials used.
b. Safe mechanical and electrical stress on all parts under all specified conditions of operation.
c. Satisfactory operation during the maintenance period.

8.0 Defect Liability Period:

All the equipments shall be guaranteed for a period of 12 months except LED fittings from the date of taking over the installation by the department against unsatisfactory performance and / or break down due to defective design, workmanship of material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in-Charge. In case it is felt by the department that undue delay is being caused by the contractor in doing this, the same will be got

done by the department at the risk and cost of the contractor. The decision of the Engineer-in-Charge in this regard shall be final.

~~**9.0 Guarantee period for LED fittings**~~

~~**i) All the LED fittings shall be guaranteed for a period of 5 years.**~~

~~ii) 50% of the Performance Guarantee shall be refunded to the contractor soon after the completion of the work and recording of the completion certificate.~~

~~iii) 50% of the performance Guarantee shall be retained as Security Deposit.~~

~~iv) 50% of the Performance Guarantee retained as Security Deposit plus 2.5% Security Deposit already deducted from running bills (total 2.5 + 2.5 = 5%) shall be refunded year wise proportionately.~~

11.0 Data and Programme to be furnished by the tenderers:

After Award of Work:

The Contractor shall prepare the programme chart for the execution of the work showing clearly all activities from the start of work to the completion, with details of requirements of materials, man power, equipments and machinery deployment, required for the completion of the work within the stipulated period and submit the same o the Engineer-in-Charge within fifteen days after the issue of letter for commencement of the work. The Contractor shall also submit monthlyprogramme and progress reports and update / re-schedule the same every month. These shall be submitted by the contractor in soft copy also besides forwarding hard copy of the same.

12.0 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturers for all items of equipments regarding installation, adjustments, operation and maintenance i/c preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue and workshop procedure for repairs, assembly and adjustment etc all in triplicate.

13.0 Extent of work :

13.1 The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning as may be required by the department. The term complete installation shall not only mean work covered by Technical Specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been mentioned in details in the tender documents in connection with this contract.

13.2 The work is turnkey project. Any item required for completion of the project but left inadvertently shall be executed with in the quoted rates.

14.0 Compliance with Regulations and Indian standards

14.1 All works shall be carried out in accordance with relevant regulation, both statutory and those specified by the Indian Standards related to this work. In particular, the equipment and installation shall comply with the following:

a. Factories Act

b. Indian Electricity Rules

c. I.S. & BS Standards as applicable

d. Workmen's compensation Act

e. Statutory norms prescribed by local bodies

14.2 Nothing in this tender shall be construed to relieve the successful tenderer of his responsibility for the design, manufacture and installation of the equipment with all accessories in accordance with currently applicable statutory regulations and safety codes.

15.0 Indemnity :

The successful tenderer shall at all times indemnify the department, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian Law and Regulations for any accident occurring due to any cause and the department shall not be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be necessary to cover the risk. No extra payment would be made to the successful tenderer due to the above.

16.0 Erection Tools :

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

17.0 Liaisoning and Co-operation with other agencies:

The successful tenderer shall co-ordinate with other contractors and agencies engaged in the operation and maintenance of the building so as to make the execution of this works contract smooth. If any unreasonable hindrance is caused to other agencies / damage is caused to the existing installation resulting in loss of work or disruption in services during the course of work, such expenditure incurred upon restoration and loss of work shall be recovered from the successful tenderer. Water proofing of pits shall not be damaged under any circumstances.

18.0 Mobilization Advance :

No mobilization advance shall be paid for this work.

19.0 Verification of correctness of Equipment at Destination :

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

20.0 Painting :

This shall include cost of painting of entire exposed iron work in the installation. All equipments works shall be painted at the works before dispatch to the site.

21.0 Order of Preference:

Should there be any difference or discrepancy between the description of items as given in the Schedule of Quantities, technical specifications for individual items of work (including additional and commercial conditions) and IS Codes etc., the following order of preference shall be followed:

a. Schedule of quantities

b. Additional and Commercial Conditions

c. Technical specifications specified in the tender

d. General Conditions of Contract for CPWD Works

e. Drawings

f. CPWD General Specifications

g. Relevant IS or any other International code in case IS code is not available.

22. All the materials to be used in the work shall be new and of good quality and shall be got approved from the Engineer-in-Charge before use at site. The equipment shall be not older more than 6 months from the date of receipt at site or year of manufacturing should be current. The equipment shall be procured directly from the manufacturer or authorized dealer and delivery challan/ proof of dispatch and GST bill of material from the Agency from where the material is purchased in support of genuineness of material shall be submitted along with bill for verification.

23. No claim for idle labour shall be entertained by the department.

24. Warranty Certificate for the LED fittings and fans from manufacturer shall be supplied by contractor along with supply of material to AE(E)

25. Drawing of LT Panel alongwith bill of material will have to be got approved from Engineer-in-charge.

Executive Engineer (E)-Jammu,
CPWD, Satwari, Jammu (J&K).

TECHNICAL SPECIFICATIONS FOR IEI WORK

GENERAL SCOPE OF WORK:

The specifications given below pertain to the internal electrical installation work to be carried out in **at CRPF Campus Dheerti Dharore, Katra (J&K).**

POINT WIRING:

The wires used for the point wiring and power wiring shall be of 650/ 1100 Volts grade FRLS PVC insulated multi stranded copper conductor single core cables.

All mounting boxes for plate type accessories shall be of metallic construction and of the same make as that of the plate type switches and accessories.

Copper and Aluminum Cables

This specification covers the supply, installation, testing and commissioning of 1100 V grade cables.

The design, manufacture and performance of the cables should conform to the relevant IS.

MOULDED CASE CIRCUIT BREAKERS

The MCCBs shall comprise single units of triple pole/four pole construction as specified, shall be rated for 415 V AC.

All live parts shall be totally enclosed and shrouded with a heat resistant moulded insulating material housing. Operating mechanism shall be quick make, quick break and trip free type.

The MCCB shall be provided with the following features in microprocessor release:

Inverse-time-current tripping characteristics under sustained overload. Instantaneous tripping on short circuit

MCCBs shall be of current limiting type.

The rated service breaking capacity (Ics) shall not be less than the ultimate short circuit breaking capacity (Ics = Icu)

Variable Thermal setting shall be provided in all MCCB s with thermal magnetic Release.

All circuit breaker below 250 amps rating shall be provided with thermal magnetic

Release& circuit breakers of 250 amps rating and above shall be provided with Microprocessor based release unless otherwise specified.

All MCCBs shall be provided with rotary handles and spreader links for which nothing extra shall be paid.

Executive Engineer (E)-Jammu,
CPWD, Satwari, Jammu (J&K).

List of Acceptable Makes

Sl. No.	Description	Make
1.	Steel Conduits & accessories	STEEL KRAFT /BEC /AKG/RMCON duly ISI marked.
2.	PVC Conduit & accessories	BEC/AKG/Polycab/Polypack
3.	PVC insulated FRLS Copper Conductor Wires	Polycab/Havells/KEI/RR Kabel/Pi-Square/Finolex.
4.	U.G. Cables	KEI/Polycab/Havells/RR Kabel/ Finolex/ Pi-Square/ Grandlay.
5.	Telephone Cable	Molex/Delton/Finolex/Havells
6.	TV Cable	Havells/Molex/Delton/Finolex
7.	CAT 6 Cable / Patch cord	Delton/Finolex/Legrand/ Siemens / Molex/ Schneider / Belden/Duranet
8.	Steel raceway	Legrand/MK/Schneider/RMCON
9.	Pop-up-box	Bestnet/Logic/E-Learn
10.	RJ45 Switch	Legrand/Siemens/Schneider/L&T/ABB/Havells
11.	Modular Switch & Socket, GI Box And Modular Plate, Step Type fan Regulator, DB, MCB, RCBO, ISOLATOR, LOOSE WIRE BOX/ industrial socket	Legrand/Siemens/Schneider/L&T/ABB/Havells/ Indoasian
12.	Ceiling/Wall Fan	Crompton/ USHA/Havells/ Orient/Atomberg/ Bajaj/ Almonard
13.	Heavy duty exhaust fan/Ventilation Fan	Crompton/ USHA/Havells/ Orient/ Atomberg/ Bajaj/ Almonard
14.	LED luminaries i/c flood lights, street lights fittings with **5 years warranty**	Philips/Havells/LT/ Regent (with system lumens as specified in BOQ duly supported with LM 79 and LM 80 reports need to be submitted from Govt. accredited lab)
15.	Street Light Pole/High Mast	Bajaj/Philips/ Valmont/Transrail/Skipper

16.	Pole Junction Box	Sintex/Hensel/Clipsal/ Mennekes/ABB
17.	M.S. Pipe/G.I. Pipe	Jindal (Hissar) /Tata/SAIL/Prakash Surya (duly ISI Marked)
18.	DWC HDPE Pipe	TeleRex/Gemini/Supreme/Duraline (duly ISI Marked)
19.	Double Brass compression gland / Thimbles	Dowells/Action/Gripwell/Comet/Jainson/Braco
20.	MCCB (It should be Ics = Icu = 100%)	Lauritz Knudsen (Formerly L&T) (D Sine) /Siemens (3VA) / ABB (Tmax) / Schneider (Compact NSX) / Legrand (DPX3)
21.	ACB	SCHNEIDER (NW) / SIEMENS (3WT) / ABB (E-MAX)/ Lauritz Knudsen (Formerly L&T) (U POWER OMEGA) / LEGRAND (DMX3)
22.	LT Panels / Outdoor Feeder Pillar (Non TTTA Type)	Advance Panel & Switch Gear /System & Services Power controls/ D.V. Electromatic/ASPL/Milestone /R.P. Control
23.	Digital Instruments	AE/ Lauritz Knudsen (Formerly L&T)/Schneider/Siemens/ Trinity/ Conzerve/ ABB
24.	CT & PT	AE/Kappa/Matrix/EPCOS/ Lauritz Knudsen (Formerly L&T) /ABB/ Schneider/Gilberts & Maxwell
25.	Contactors & Overload Relays	Lauritz Knudsen (Formerly L&T) / Siemens /ABB/Schneider
26.	Indicating Lamps	Lauritz Knudsen (Formerly L&T) / Siemens /C&S/ Schneider/ABB
27.	Timer switch	Lauritz Knudsen (Formerly L&T) /Siemens/ ABB / Schneider / Legrand
28.	Connectors/ Terminal Blocks	Elmex / Connectwell / Essen/ SCHNIEDER/ Lauritz Knudsen (Formerly L&T)
29.	DLP Trunking	Legrand/MK/ OBO Bettermann
30.	Transformer Oil	Apar/Gandhar/Venlub/Savita/HP
31.	Any other item	With prior approval of Engineer-in-charge

Note: LM 79 & LM 80 reports for LED fittings will have to be submitted from NABL/ UL accredited Lab to verify the parameters of BOQ.

Executive Engineer(E)-Jammu,
CPWD, Satwari Jammu (J&K)

SCHEDULE OF QUANTATIES

Name of Work:- Replacement of Existing defective LT panels installed at CRPF Campus Dheerti Dharore, Katra J&K.

S.No	Description of Items	Qty		Rate	Unit	Amount
1	Supplying, installation, testing and commissioning of feeder pillar**,** sectionalised, Totally compartmentalized type feeder pillar having 31 MVA breaking capacity of suitable size with minimum 600 mm depth fabricated from CRCA sheet steel of 2 mm thick for frame work, enclosure and doors, 3 mm thick for gland plates with stiffeners wherever required,having canopy for rain water protection , having vibration free structure chemically treated with seven tank process before painting for surface treatment and powder coated, with aluminium bus DMC/SMC busbar supports, suitable for 3 phase 415 V 50 HZ AC supply i/c providing and fixing the following switchgear & accessories i/c 25 mm x 5mm copper earth bus through out the width of panel with suitable drilled holes etc. mounted thereon complete with gaskets and solid copper connections & interconnections as per specifications complete as required. angle iron base frame shall have 4 nos legs of 900 mm height (including 450 mm below groud level in CC foundation) made out of 50mmX 50mm X 6mm thick	1.80	Sqm	55282.00	Sqm	99507.60

	M.S. Angle iron duly painted with anticorrosive paint, making suitable foundation of cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) i/c erection of panel etc. as required (Dismantle material retained by the agency)					
	Providing, installation, testing and commissioing of following accessories in the above exisiting cubical type panel including connection etc complete as reqd.					
	i). 400 Amps 36 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	1	Nos	45215.00	Each	45215.00
	ii). 200 Amps 25 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	2	Nos	21600.00	Each	43200.00
	ii). 125 Amps 25 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	3	Nos	13470.00	Each	40410.00
	iii) Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	1	Nos	315.00	Each	315.00

	iv). Voltmeter 96 Sq. mm. 0-500v 3 Phase flush digital Voltmeter with inbuilt selector switch	1	Nos	1486.00	Each	1486.00
	v). 96 mm x 96 mm flush digital type ammeter meter (0-630 amp.) with inbuilt selector switch	1	Nos	1486.00	Each	1486.00
	vi) 2 amps C- Curve SP MCB's	3	Nos	785.00	Each	2355.00
	vii) Current Transformer 400 / 5A	3	Nos	4437.00	Each	13311.00
	viii). LED Type Phase Indicating lamp For RYB	1	Sets	436.00	Each	436.00
	ix) Extended Rotatary Handle with spreader links for 400 amp FP MCCB	1	Nos	9167.00	Each	9167.00
	x) Extended Rotatary Handlewith spreader links for 200 amp FP MCCB	2	Nos	4812.00	Each	9624.00
	xi) Extended Rotatary Handle with spreader links for 125 amp FP MCCB	3	Nos	4812.00	Each	14436.00
2	Supplying, installation, testing and commissioning of feeder pillar**,** sectionalised, Totally compartmentalized type feeder pillar having 31 MVA breaking capacity of suitable size with minimum 600 mm depth fabricated from CRCA sheet steel of 2 mm thick for frame work, enclosure and doors, 3 mm thick for gland plates with stiffeners wherever required,having canopy for rain water protection , having vibration free structure chemically treated with seven tank process before painting for surface treatment and powder coated, with aluminium bus DMC/SMC busbar supports, suitable for 3 phase 415 V 50 HZ AC	1.50	Sqm	55282.00	Sqm	82923.00

	supply i/c providing and fixing the following switchgear & accessories i/c 25 mm x 5mm aluminium earth bus through out the width of panel with suitable drilled holes etc. mounted thereon complete with gaskets and solid copper connections & interconnections as per specifications complete as required. angle iron base frame shall have 4 nos legs of 900 mm height (including 450 mm below groud level in CC foundation) made out of 50mmX 50mm X 6mm thick M.S. Angle iron duly painted with anticorrosive paint, making suitable foundation of cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) i/c erection of panel etc. as required (Dismantle material retained by the agency)					
	Providing, installation, testing and commissioing of following accessories in the above exisiting cubical type panel including connection etc complete as reqd.					
	i). 250 Amps 25 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	1	Nos	24503.00	Each	24503.00
	ii). 125 Amps 25 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	1	Nos	13470.00	Each	13470.00

	ii). 100 Amps 25 KA FP MCCB, Thermal magnetic release on incoming and outgoing side complete with copper thimbles, connections etc as requied (ics = 100% icu)	1	Nos	10954.00	Each	10954.00
	iii) Providing and fixing M.V. danger notice plate of 200 mm X 150 mm, made of mild steel, at least 2 mm thick, and vitreous enameled white on both sides, and with inscription in single red colour on front side as required.	1	Nos	315.00	Each	315.00
	iv). Voltmeter 96 Sq. mm. 0-500v 3 Phase flush digital Voltmeter with inbuilt selector switch	1	Nos	1486.00	Each	1486.00
	v). 96 mm x 96 mm flush digital type ammeter meter (0-630 amp.) with inbuilt selector switch	1	Nos	1486.00	Each	1486.00
	vi) 2 amps C- Curve SP MCB's	3	Nos	785.00	Each	2355.00
	vii) Current Transformer 250 / 5	3	Nos	5616.00	Each	16848.00
	viii)LED Type Phase Indicating lamp For RYB	1	Sets	436.00	Each	436.00
	ix) Extended Rotatary Handle with spreader links for 250 amp FP MCCB	1	Sets	4812.00	Each	4812.00
	x) Extended Rotatary Handle with spreader linksfor 125 amp FP MCCB	1	Nos	4812.00	Each	4812.00
	xi) Extended Rotatary Handle with spreader linksfor 100 amp FP MCCB	1	Nos	2902.00	Each	2902.00

3	Supplying, installation. testing, commissioning of outdoor type Cable Junction / Jointing Box of size 400 mm x 400 mm x 300 mm made out of 2 mm thick MS sheet with 7 tank process for powder coating, not less than IP-54 protection, bulb holder at back side, equipped with 4 strip 400 Amps aluminum busbars, having 1 Nos. 25 x 5 mm aluminium strip earth bus all round on the rear wall for earthing, angle iron base frame shall have 4 nos legs of 900 mm height (including 450 mm below groud level in CC foundation) made out of 50mmX 50mm X 6mm thick M.S. Angle iron duly painted with anticorrosive paint, making suitable foundation of cement concrete 1:3:6 (1 cement: 3 coarse sand: 6 graded stone aggregate 20 mm nominal size) i/c erection of panel etc. as required .	4	Job	7370.00	Job	29480.00
4	Supplying of following sizes of XLPE insulated PVC sheathed armoured Aluminium conductor Power Cable of 1.1 KV grade as required.					
4.1	3.5 x 240 sq mm	113	Mtrs.	2839.00	Mtr.	320807.00
5	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size in the existing RCC/ HUME/ METAL pipe as required.					
5.1	Above 185 sq. mm and upto 400 sq. mm	70	Mtrs.	170.00	Mtr.	11900.00

6	Laying and fixing of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size on wall surface as required.					
c)	Above 185 sq. mm and upto 400 sq. mm (clamped with 40x3mm MS flat clamp)	43	Mtrs.	271.00	Mtr.	11653.00
9	Supplying and making end termination with brass compression gland and Aluminum lugs for following sizes PVC insulated and PVC sheathed / XLPE Aluminum conductor cable of 1.1 KV grade of the following size as reqd.					
a)	3½ X 240 sq. mm (62mm)	4	Nos	1160.00	Each	4640.00
10	Supplying and laying of following size DWC HDPE pipe ISI marked along with all accessories like socket, bend, couplers etc. conforming to IS 14930, Part II complete with fitting and cutting, jointing etc.direct in ground (75 cm below ground level) including excavation and refilling the trench but excluding sand cushioning and protective covering etc., complete as required.					
a)	160 mm dia (OD-160 mm & ID-135 mm nominal)	70	Mtrs	537.00	Mtr.	37590.00
	TOTAL					**864320.60**
	SAY					**864321.00**

Executive Engineer (E),
Jammu Electrical Division,
CPWD, Satwari, Jammu