

Ref. Enquiry No.: PE/PG/BLI/E-6768/2021 DATED 20.09.21

DUE DATE
30 September 2021
BY 11:00 AM

Dear Sir/ Ma'am

SUBJECT: OPEN TENDER ENQUIRY FOR LUMP SUM TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS)– EVALUATION SEVEN (07) PROJECTS ALTOGETHER –[BHILAI (468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)] AS PER TECHNICAL SPECIFICATION NO : PE-TS-468-558-E006 , PE-TS-441-558-E001, PE-TS-463-558-E006, PE-TS-444-558-E006, PE-TS-466-558-E006, PE-TS-457-558-E006, & PE-TS-467-558-E006 .

OUR REF: TENDER ENQUIRY NO: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

BHEL invites your offers for Design, Engineering, Manufacture, assembly, Inspection testing, packing for transportation and delivery of “**LIGHTING FIXTURES, LAMPS AND MISC ITEMS**” complete in all respect including all accessories, mandatory spares & supervision of E&C as specified in tender technical specification of respective projects amendments & agreements till placement of order for **Seven (07) Projects: 2x250MW NSPCL BHILAI TPP-FGD(468), 3x660MW NORTH KARANPURA -FGD (441), 4X250MW BRBCL NABINAGAR FGD(463), 2X500MW NTPC MAUDA STAGE -I FGD (444), 3X200+3X500+1X500MW NTPC KORBA FGD(466), 3X660 MW NPGCPL NABINAGAR STPP FGD(457), & 3X200+3X500MW NTPC RAMAGUNDAM FGD(467) .**

Your offer shall be submitted in two parts (Part-I & Part-II) strictly as per Clause-2.0 of the “Instructions to Bidders” of GCC Rev. 07, in sealed cover for the below mentioned equipment/system.

Item Description – LIGHTING FIXTURES, LAMPS AND MISC ITEMS – [MAIN SUPPLY (including E&C spares, if any) + MANDATORY SPARES SUPPLY+ SUPERVISION OF E&C] AS PER MASTER ANNEXURE-I TO NIT: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

Sl. No.	PROJECTS : EVALUATION SEVEN(07) PROJECTS ALTOGETHER	TECHNICAL SPECIFICATIONS	Delivery completion schedule
1	PROJECT-1: 2x250MW NSPCL BHILAI TPP-FGD(468) PROJECT-2 : 3x660MW NORTH KARANPURA -FGD (441) PROJECT-3: 4X250MW BRBCL NABINAGAR FGD(463) PROJECT-4 : 2X500MW NTPC MAUDA STAGE -I FGD (444) PROJECT-5: 3X200+3X500+1X500MW NTPC KORBA FGD(466) PROJECT-6: 3X660 MW NPGCPL NABINAGAR STPP FGD(457) PROJECT-7: 3X200+3X500MW NTPC RAMAGUNDAM FGD(467) .	PE-TS-468-558-E006 , PE-TS-441-558-E001, PE-TS-463-558-E006, PE-TS-444-558-E006, PE-TS-466-558-E006, PE-TS-457-558-E006, & PE-TS-467-558-E006 .	As per Annexure – A to NIT

Your best quotation/offer for the above requirement, in line with tender terms and conditions, should be submitted **online via e-procurement system (NIC portal: <https://eprocurebhel.co.in/nicgep/app>)**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 11:00 AM, 30.09.21** . Part-I (techno-commercial) bids shall be opened at **04:00 PM.** on the due date.

Hemant Kr. Kaushik/ Mgr/PGIII
PS-Project Engineering Management,
Power Project Engineering Institute,
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Regd. Office
BHEL House Siri Fort
New Delhi-110049

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Note: 1. Detailed tender documents have been uploaded on following websites: -

<https://eprocurebhel.co.in/nicgep/app> b) www.bhel.com c) <https://pem.bhel.com/>

Tender submission through e-procurement portal- <https://eprocurebhel.co.in/nicgep/app> (Bidders are requested to upload their best offer on : <https://eprocurebhel.co.in/nicgep/app> only) .

2. In case bidders are not interested to quote, please send us the regret by e-mail or letter.

ENQUIRY TERMS AND CONDITIONS:

1. Offers should be submitted/uploaded separately in two parts **online through e-procurement system** as follows:

Part-I: TECHNO-COMMERCIAL BID

Part-II: PRICE BID

For detailed instructions, please refer GCC Rev 07- Instructions to Bidders.

2. Bidders shall submit their offers meeting the requirements of the following tender documents indicated in BHEL PEM GCC Rev- 07 and other Terms and Conditions included in this Enquiry Letter. Web link of GCC Rev 07 shall be as below, **bidders may download the GCC Rev 07 from the given web link and go through the same before quoting: -**

<https://pem.bhel.com/Documents/GCC/GCCRev07.pdf>

3. Bidders to note that following form the part of tender documents:
- General Conditions of Contract (GCC) Rev 07 comprising of: Instructions to Bidders and General Commercial Terms & Conditions.
 - Technical Specifications
 - Technical PQR
 - Enquiry terms & conditions (NIT), Anx-A, Anx-I, IA, IB, IC, ID, IE, IF, IG, & I(i) project wise, Anx-II, Anx-3, Anx-4, Anx-5, Anx-6, Anx-7, & Anx-8 .

4. Tenders shall be submitted strictly in accordance with the requirements of the above-mentioned tender documents. Bidders to submit their offers strictly in line with the form available at e-procurement portal. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II of GCC Rev-07 along with reasons for taking such deviations in the bidding format in E-Procurement portal (NIC portal). Any deviations (Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in "Notes" of Annexure-II of GCC Rev.07.

Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.

5. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS as per General Conditions of Contracts (GCC, Rev.07), Special Conditions of Contract and Notice Inviting Tender (NIT)" **in case of no deviations.**

6. Unsolicited fresh/revised bids shall not be entertained.

7. If any bidder has mentioned the term "Not Applicable" / "not required" / "not quoted" in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by the successful bidder.

8. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.

9. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser's/Owner's inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).

10. Offers should be submitted separately in two parts online through e-procurement system only (NIC portal), Offers should be uploaded in two parts online at <https://eprocurebhel.co.in/nicgep/app> in as follows:

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- a. **Part-I Bid:** - Documents and Credential as per Technical PQR & Technical Specification and Techno-Commercial offer (along with un-priced copy of un-priced bid and un-priced schedule of Technical-Commercial Deviation – Annexure-I,IA,IB,IC,ID,IE,IF,IG, I(i)project wise, & II) . Bidders mandatorily to submit compliance of Enquiry terms & conditions (NIT), Anx-A, Anx-I,IA,IB,IC,ID,IE,IF,IG, & I(i)project wise, Anx-II, Anx-3, Anx-4, Anx-5, Anx-6, Anx-7, & Anx-8 , GCC(Rev07) , & SCC of respective projects.
- b. **Part II Bid:** - Price Bid [(Annexure-I, IA, IB, IC, ID, IE, IF, IG , & Annexure-II)-Main Supply(including commissioning spares, if any), & Mandatory Spares] and Priced schedule of Technical-Commercial Deviation(Annexure-II) .
- Terms and conditions: -
- a) Part I bid will be opened on date & time mentioned in the NIT or subsequent corrigenda/amendments, if any.
- b) **Techno-commercial offer of only those bidders shall be evaluated who will meet the Technical pre-qualifying requirement of the tender.**

however, all correspondence thereof, shall be addressed to the following persons and sent at the following address:

Mr. Deepak Kumar Dy. Engineer, PG-III E-mail: dkgangwal@bhel.in Ph. +91-120-4368708;	Mr. Hemant Kr. Kaushik Mgr. PG-III E-Mail: hkkaushik@bhel.in Ph. No. +91-120-4213549; Mob: 9540180895
M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, PPEI Building, Plot No 25, Sector-16A, Noida-201301, U.P., INDIA	

11. Evaluation shall be done for lumpsum seven (07) projects altogether for total package price on Ex Works + Freight basis, i.e. 'Total Cost to BHEL basis (excluding GST) ' for seven (07) projects altogether. Contract/purchase order will be done for 100 percent value (seven (07) projects altogether) on L1 vendor for this package/tender. However, purchase order shall be release project wise for smoothness of operations. Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order. However, supervision of E&C rate shall not be considered for price evaluation. The Evaluation Currency for this tender shall be INR. Incomplete offer or part offer of NIT BOM/BOQ shall be summarily rejected.
12. **Evaluation Conditions: (Reverse Auction)** - Guidelines for Reverse Auction 2021 Amendment 1 dated-10.03.2021 shall be applicable for this tender and same is available at
- a) <https://www.bhel.com/supplier-registration>
- b) https://pem.bhel.com/Current_Tender.aspx

Bidders to note following point before quoting-

“BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.”

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In case of enquiry through e-Procurement, the sealed electronic price bid (e-bid) is to be treated as sealed envelope price bid.

BHEL will inform bidders the details of service provider who will provide business rules, all necessary training and assistance before commencement of online bidding.

Bidders will be advised to read the 'Business Rules' indicating details of RA event carefully, before reverse auction event.

"The Bidders has to quote the Single Price (i.e. Total Cost to BHEL) (excl. GST and supervision of E&C charges (which have been fixed by BHEL)) in Reverse Auction. Price are to be inclusive of Packing & Forwarding charges, all the routine, type tests etc. as per tender scope, Freight as applicable, including loading (if any) but excluding GST. De-loading (if any) shall be done in line with NIT terms."

13. Govt. of India's Public Procurement Policy – Preference to Make in India Clause: -

For subject tender only Class I local suppliers are eligible to bid (in line with clause no. 3 (a) of MII circular no P-45021/2/2017-PP (BE-II) Dtd-16-09-2020, as there is sufficient Local Capacity & Local Competition. In case of subsequent orders issued by nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT".

The local supplier at the time of tender, bidding, solicitation, shall be required to provide self-certification that as per the offered item, they meet the requirements of Class I local supplier as per the provisions of PPP-MII Order of Govt. of India and relevant circulars issued by nodal ministry w.r.t. above mentioned orders and shall give details of location(s) at which the local value addition is made in Annexure- 4 to NIT. Subject package is not-divisible in nature.

14. This item/package /system falls under the list of items defined in para 3 of ministry of finance guideline dtd. 20.09.16 (Procurement of items related to Public safety, Health, Critical Security operations & Equipment's etc.) & hence criteria of prior experience/Turnover shall be same for all the bidders including start-up/MSME.

15. Bidders to comply the following orders & circulars (considering respective subsequent orders/circulars also):-

- ensure compliance to Ministry of Power (MoP) Order No. 25-11/6/2018-PG dt. 02/07/2020 & Order No. 11/05/2018-Coord. dt. 23/07/2020, if applicable.
- ensure compliance of Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.
- to submit "Model Certificate for Tenders" as per Annexure-III of Ministry of Finance (MoF) Order (Public Procurement No. 1 & 2) F. No. 6/18/2019/PPD dt. 23/07/2020.

16. Bidder to note that this is a conditional Open Tender enquiry subject to following condition: -

- A) Meeting of Technical PQR
- B) Techno-commercial qualification/recommendation of bidder by the BHEL-PEM. This enquiry is subject to Conditions/ limits if any imposed in PMD (PEM BHEL) / Vendor registration/ In Customer Approval.
- C) Customer Approval is mandatory. Approval of vendor from end Customer(NTPC) shall be taken up by BHEL-PEM with customer. Bidders who are not approved from end customer should furnish the credentials as per (end customer) format – along with their bid.

Approval shall be taken up by BHEL with customer based on the credentials / reference list. Hence, Bidders are requested to submit the following (as part of their credentials) on or before Part-I opening: -

- Company Profile. Reference list indicating P.O. details, customer name, P.O. date, execution date etc.
- Performance certificate issued by the clients. (In last five years)
- NTPC's Main & Sub-supplier questionnaire (enclosed with enquiry) and submit all the supportive documents against details furnished therein (signed & stamped on each page)

D) Furnishing of 'Gem' seller ID.

E) Pre-Qualifying Requirements: - Bids of only those bidders shall be evaluated who meet the Technical pre-qualifying requirements.

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F) Offered item should mandatorily confirm to Govt. PP-MII(Make In India) , Govt. MOP(Ministry of Power) , & Govt. MOF (Ministry of Finance) orders & provisions relevant/applicable to this tender.

17. PRE-QUALIFICATION REQUIREMENT: -

Bidders is requested to fill up the details in "TECHNICAL PRE-QUALIFYING REQUIREMENT" as per the conditions mentioned in the PQR (technical) and also to submit the credentials.

Bids of only those bidders shall be evaluated who meet the Technical pre-qualifying requirements (if applicable). Bidders to ensure that Third party/customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organisation contact number and email Id etc. In case the same found not available, Purchaser has right to reject such document from evaluation.

"This item/Package/System falls under the list of items defined in Para 3 of Ministry of Finance guideline datedt.20-09-2016 (procurement of items related to public safety, health, critical security operations and equipment's, etc.) & hence criteria of prior experience/turnover shall be same for all the bidders including start up/MSME".

18. Compliance of model clauses as provided in Annexure-III of Ministry of Finance Order (Public Procurement No. issued on 23.07.2020 (Restrictions under Rule 144 (xi) of the GFR,2017) shall be applicable for subject tender. Model Certificates provided in same Annexure-3 shall also be complied. Further, relevant clause of order no. 25-11/6/2018- shall also be complied. An undertaking regarding Model Clauses (as applicable from Annexure-III) shall be furnished by bidders along with bid documents.

19. For bidders (who are not registered with BHEL-PEM) -Online Registration Portal is operational in BHEL. Registration in BHEL-PEM is not mandatory for this tender. However, Non-registered Vendors, who wish to apply for registration with BHEL-PEM, can apply through Online Registration Portal available at www.bhelpem.com → vendor section → Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration may be uploaded on the website and submit the application for registration.

20. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (a) <https://eprocurebhel.co.in/nicgep/app> b) www.bhel.com c) <https://pem.bhel.com/>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement (NIC) Portal is available at website i.e. <https://eprocurebhel.co.in/nicgep/app> .

21. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-Procurement (NIC portal), in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch.

22. Bidders to quote the freight in terms of percentage of Total Ex-works price and mention the rate of freight (%) percentage in bid.

23. Inspection shall be done by BHEL/ END CUSTOMER/Third party Agency (finalized by BHEL). Due to COVID-19 pandemic condition prevailing in the country, BHEL/PEM may go for Remote Inspection of Offered items, if required. Vendors are requested to be equipped with the facilities/gadgets as indicated in the guidelines available at <https://pem.bhel.com/Documents/VendorSection/Vendor/Guidelines.pdf> to take up the inspection REMOTELY.

24. The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

25. In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in the presence of the

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respective L-1 bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

26. Performance Bank Guarantee:

26.1 : Bhilai(468), Nabinagar(463), Korba(466), & Ramagundam(467) :- 5%

26.2 : Karanpura(441), Mauda(444), & Nabinagar(457) : 3%

Performance Security amount shall be applicable @ as mentioned above of the value of contract value (excluding taxes duties & freight) as per GCC Rev 07.

Rest Performance Security (Bank Guarantee) terms shall be applicable as per BG clause no. 11 of GCTC of GCC Rev 07 for this tender.

Bidders to compile the following clause for timely submission of BG:

"Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (SBI rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT I contract, from the bills along with due interest "

27. PAYMENT TERMS:

For Main Supply including E&C spares: -

Payment of basic price of material supplied, along with freight and GST shall be paid against receipt of material at site on pro-rata basis. 15% of basic price of materials supplied will be retained as security deposit which will be released on pro-rata basis as per details below:-

Balance Ten percent (10%) will be released on pro-rata basis after submission of Material Receipt Certificate (MRC) from project site engineer of Owner/ Purchaser. For obtaining MRC from project site/ owner, vendor shall depute their representative to project site. Packages shall be opened at site in presence of vendor representative for verification of material supplied. If any material found damaged/short supplied during verification, then vendor shall be responsible for replenishment.

Balance Five percent (5%) 5% payment shall be released on submission of soft and hard copies of final approved drawing/documents. (including O & M Manual) along with submission of AUTO CAD drawings as per requirement of project.

For Supervision of E&C: 100% payment shall be released after successful completion of the activity on Site certification & applicable documents as per cl.no. 9.5 of GCC(Rev07) .

For Mandatory Spares: As per clause no. 9.1 of GCC Rev 07.

Other terms relevant to payment/terms of payment shall be applicable as per GCC(Rev07) .

28. For supervision of E&C charges have been fixed by BHEL and bidders to comply the same.

29. DELIVERY PERIOD/SCHEDULE OF MATERIAL (MAIN SUPPLY (Including E&C spares, if any), MANDATORY SPARES, & SUPERVISION OF E&C): As per enclosed Annexure – A to NIT.

Terms of Delivery are : F.O.R Dispatch Station.

30. QTY.VARIATION CLAUSE:

(i) Overall quantity variation shall remain +/- 30% of total order value in line with Cl. No. 6.0 of GCC Rev.07.

(ii) Quantities released (In Lots) up to 100% of contract value shall be intimated within 03 years from date of original PO.

(iii) Quantities upto +30% (quantity variation) of order value shall be released within 5 years from date of original PO.

(iv) Prices shall remain firm till completion of supply/contract.

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31. **Integrity Pact:** - Integrity pact is applicable for subject package. IP is a tool to ensure that activities and transactions between the Company and its Bidders/ Contractors are handled in a fair, transparent and corruption free manner. A panel of Independent External Monitors (IEMs) have been appointed by BHEL with the approval of CVC. The names of the IEMs in panel are as follows:

I. Sh. Arun Chandra Verma, IPS (Retd.) - acverma1@gmail.com

II. Sh. Virendra Bahadur Singh, IPS (Retd.) - vbsinghips@gmail.com

The IP as enclosed is to be submitted (duly signed by authorized signatory) along with techno-commercial bid. Only those bidders who have entered into such an IP with BHEL would be competent to participate in the bidding. In other words, entering into this pact would be a preliminary qualification.

Please refer Section-8 of IP for Role and Responsibilities of IEMs. In case of any complaint arising out of the tendering process, the matter may be referred to the any of the IEMs mentioned above. All correspondence with the IEMs shall be done through email only. " No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department officials."

32. Bidders participating through open tender will necessarily have to buy class III DSCs issued by the certifying authorities in India. Basic procedure/ checklist is uploaded on www.bhel.com.
33. In case of joint bidding, bidders to furnish scope matrix which should be clearly defined between them along with the offer for the complete scope.
34. All the terms and conditions of NIT, GCC (Rev 07) & SCC of respective projects shall be applicable for the subject Package/tender. In the event of any contradiction in the terms and conditions mentioned, the order of preference shall be as mentioned in clause no 36 of GCTC of GCC (Rev.07).
35. Submission of complete offer as per NIT terms is the responsibility of bidder. BHEL reserves the right to reject the incomplete offer.
36. HSE Guidelines as per is firm part of this NIT.
37. MSME bidders will have to furnish the UAM details.
38. Bidders who are participating in this tender please note that GeM seller ID is mandatory before placement of order. Please furnish the same as per Annexure – 5 to NIT.
39. *The evaluation currency for this tender shall be INR.*
40. All terms and conditions shall be as per GCC rev. 07, Technical Specification of respective projects, & SCC of respective projects. In the event of any contradiction, the terms and conditions mentioned, the order of preference shall be as mentioned in Cl. No. 36 of GCTC of GCC Rev. 07 .
41. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -
- Acceptance of BHEL-PEM GCC (Rev.-07)
 - Technical & Commercial Deviations, if any along with Cost of withdrawal sheet.
 - TECHNICAL Pre-Qualifying Requirement (PQR)
 - Along with your offer, please submit a copy of this letter (along with acceptance of all annexures to NIT) duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
 - Un-Priced price format of BOQ/BOM duly filled in 'Quoted' or 'Q' in each column/row.
 - Filled Format of self-certification reg. Local content.
 - Acceptance of delivery schedule.
 - Land Border Certificate.

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- Integrity Pact (duly filled).
- Please furnish 'Gem' Seller ID with bid.
- Credentials for end customer (NTPC) approval. : i.e. Reference list indicating P.O. details, customer name, P.O. date, execution date etc., Performance certificate issued by the clients., Filled NTPC's Main & Sub-supplier questionnaire (enclosed with enquiry) and submit all the supportive documents against details furnished therein (signed & stamped on each page) .

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

Please contact to BHEL (via mail or phone) for any clarification (technical or commercial) at least one week before the due date (Techno-Commercial bid opening). Please note all correspondence from BHEL-PEM before part – I opening, shall also be part of NIT.

Yours faithfully,

For and on behalf of BHEL-PEM

**HEMANT KUMAR
KAUSHIK**

Digitally signed by HEMANT KUMAR KAUSHIK
DN: cn=BHARAT HEAVY ELECTRICALS LIMITED, ou=BHEL PS PEM Noida,
postalCode=201301, st=UTTAR PRADESH,
2.5.4.20=203696303680980857141c4a3a9d5d34ae71d032a485176a50755d615c2,
serialNumber=185B545c25a00725ba74c0a6b38764454878c2d4041056aa51f532ba0b18,
cn=HEMANT KUMAR KAUSHIK
Date: 2021.09.20 12:02:56 +05'30'

Hemant Kumar Kaushik

(MANAGER/PG-III/BHEL-PEM)

Enclosures:

1. Enquiry Terms and Conditions. (NIT Letter no. **PE/PG/BLI/E-6768/2021 DTD.20.09.21**)
2. Technical Specification for respective projects.
3. Technical PQR respective projects.
4. Delivery completion cum Drawings/documents submission Schedule (Annexure –A)
5. Price Schedule (BOQ/BOM- MAIN SUPPLY (including E&C spares, if any), MANDATORY SPARES, Supervision of E&C) - Annexure-I, IA, IB, IC, ID, IE, IF, IG & I(i) to NIT (to be filled in e-procurement portal only)
6. Cost of withdrawal sheet -Annexure-II to NIT (to be filled in e-procurement portal only)
7. Please note that unpriced copy of Annexure-I, IA, IB, IC, ID, IE, IF, IG, I(i) project wise , & II to NIT duly filled in word 'Quoted' should be uploaded in Part-I (techno-commercial bid also).
8. Annexure-5 for furnishing 'GeM' seller ID .
9. Instructions to Packing & break-up (annexure –6)
10. Format of self-Certification reg. Local content (annexure –4)
11. Performa for End customer approval.
12. Land Border Certificate format (Annexure-3)
13. BG Format
14. Inspection Guideline (Annexure – 7)
15. Integrity Pact. (Annexure-8)
16. HSE Guideline
17. SCC of respective projects.

ANNEXURE-A TO NIT NO. : PE/PG/BLI/E-6768/2021, DATED 20.09.2021

DELIVERY SCHEDULE FOR MAIN SUPPLY(INCLUDING E & C SPARES,IFANY) , MANDATORY SPARES SUPPLY , AND SUPERVISION OF E&C - LIGHTING FIXTURES, LAMPS AND MISC ITEMS - EVALUATION SEVEN(07) PROJECTS ALTOGETHER
[BHILAI(468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE - FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]
(THIS DELIVERY SCHEDULE IS APPLICABLE FOR EACH PROJECT)

Sl. No.	Package name	BHEL Drawing No	Drawing Title	Primary/Secondary	Drg Sch for Vendors	Delivery Terms	Scope of Services, (if any,) and corresponding schedule for rendering the services
Standard Delivery Schedule of PEM BOIs							
1	LIGHTING FIXTURES, LAMPS & MISC ITEMS	PE-V0-XXX-558-E101	OGA of equipments such as fixture, SBs, JB's. Receptacles, free standing ladder, Emergency exit sign, wheel mounted ladder, ceiling fans, ELU, etc.	Primary	R-0 within 28 days from date of purchasae order & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	For Lot-1: Within 4 months from the approval of last applicable primary drawing/ document (of items released first time in present lot only) or lot clearance by BHEL, whichever is later, subjected to drawing/document submission within 28 days from the date of Purchase order. Subsequent Re-submission, If any within 10 days from BHEL comments. Delay in initial submission (if any) of last submitted applicable primary drawing/document and/or delay in re-submissions of last applicable approved primary drawing/document (with reduction of over lapping period) shall be reduced from delivery period of four months. Delay in BHEL's comments/approval of last applicable approved primary drawing /document beyond 18 days shall also be considered for delay analysis.	Demonstration at site by vendor/ Supervision of E&C: Vendor to depute its service engineer for respective site activity within 15 days from BHEL's intimation (for deputing service engineer) for such site activity. For delay in deputing service engineer, LD on site activities portion shall be applicable @ ½% of the total site activities portion contract value (excluding element of taxes) per week or part thereof, with applicable GST. However, total LD (supply + site activities) shall be limited to 10% of cumulative total contract value excluding taxes and freight (supply + site activities).
		PE-V0-XXX-558-E102	Datasheet of lamps, CFL, Fluorscent tube, PVC coated conduit	Primary			
		PE-V0-XXX-558-E901	MQP FOR LUMINARIES	Primary			
		PE-V0-XXX-558-E905	MQP FOR MISCELLANEOUS ITEMS	Primary			
		PE-V0-XXX-558-E201	Lighting design Calculation	Secondary	Within 3 weeks from the date of BHEL input drawing & re-submission within 15 days of BHEL comments. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	Delivery of subsequent lots: Within 4 months from approval of last applicable primary drawing/document (of items released first time in present lot only) or lot clearance by BHEL, whichever is later. This is subject to Re-submission, if any within 10 days from BHEL comments. Delay in re-submissions of last applicable approved primary drawing/document (of items released first time in present lot only) (with reduction of overlapping period) shall be reduced from delivery period of four months. Delay in BHEL's comments/approval of last applicable approved primary drawing/document beyond 18 days shall also be considered for delay analysis.	
		PE-V0-XXX-558-E301	Lighting Layout	Secondary			
		PE-V0-XXX-558-E401	Conduit Layout	Secondary	Within 15 days from the approval of respective LLOs & re-submission within 15 days of BHEL comments. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	Mandatory Spares: Within four (04) months from the date of BHEL manufacturing clearance. Separate dispatch/ manufacturing clearance will be issued for mandatory spares.	
		PE-V0-XXX-558-E103	MOUNTING ARRANGEMENT OF LIGHTING FIXTURES	Secondary	Along with respective OGA		
		PE-V0-XXX-558-E104	TYPE TEST REPORTS FOR LIGHTING FIXTURES	Secondary	Within 2 months from PO/ within 1 week of type test conduction (as applicable)	Note: Also please refer cl.4.3 Vol-II(Sec-II) Sheet 9 of 38 and cl.no. 12 Vol-II(Sec-II) Sheet 28 of 38 of Technical Specification of respective project.Bidder to comply the same.	
		PE-V0-XXX-558-E105	FIELD QUALITY PLAN OF LIGHTING FIXTURES	Secondary	Within 3 months from PO		
		PE-V0-XXX-558-E106	MOUNTING ARRANGEMENT OF MISCELLANEOUS ITEMS.	Secondary	Along with respective OGA	Delivery terms mentioned anywhere in Technical specification will be superseded by above mentioned delivery terms and conditions.	

2. Bidders to comply the following terms for delivery :

- The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
- The delivery conditions specified are for contractual LD purposes, however BHEL may ask for early deliveries without any compensation thereof.
- Non-applicable drawings shall be decided during bid evaluation .
- Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specification of respective project, same shall be superseded by delivery specified in NIT .
- Vendor to start manufacturing activities only after obtaining specific manufacturing clearance from BHEL Purchase group.
- In case BHEL manufacturing clearance date is later than the date of Cat-1 approval of Primary drawing/documents, then the contractual delivery period will be calculated by setting off the time gap between Cat-1 approval date of Primary drawing/documents and the manufacturing clearance date, from any delay by vendor in submission/re-submission of Primary drawing/documents.

MASTER EVALUATION PRICE SCHEDULE - SEVEN(07) PROJECTS ALTOGETHER(BULK TENDER)									
MASTER ANNEXURE – I TO NIT NO. : PE/PG/BLI/E-6768/2021, DATED 20.09.2021									
LUMPSUM TOTAL PACKAGE(LIGHTING FIXTURES, LAMPS AND MISC. ITEMS) PRICE – EVALUATION SEVEN(07) PROJECTS ALTOGETHER [BHILAI(468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]									
SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	UOM	TOTAL QTY.	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	TOTAL GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT) (INR)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR) - In Figure	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR) - In Words
A	PROJECT –I (2x250MW NSPCL BHILAI TPP-FGD (468)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for Bhilai(468) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IA(Main Supply + Mandatory Sapres)	PROJECT-I (BHILAI-468)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IA						
B	PROJECT–II (3x660MW NORTH KARANPURA -FGD (441)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for North Karanpura(441) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IB(Main Supply + Mandatory Sapres)	PROJECT-II (NORTH KARANPURA-441)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IB						
C	PROJECT –III (4X250MW BRBCL NABINAGAR FGD (463)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for Nabinagar FGD(463) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IC(Main Supply + E & C Spares + Mandatory Spares)	PROJECT-III (NABINAGAR FGD-463)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IC						
D	PROJECT –IV (2X500MW NTPC MAUDA STAGE -I FGD (444)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for Mauda Stage-I FGD(444) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-ID(Main Supply + Mandatory Sapres)	PROJECT-IV (MAUDA STAGE -I FGD-444)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-ID						
E	PROJECT–V (3X200+3X500+1X500MW NTPC KORBA FGD(466)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for Korba FGD(466) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IE(Main Supply + Mandatory Sapres)	PROJECT-V (KORBA FGD-466)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IE						



MASTER ANNEXURE – I TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

LUMPSUM TOTAL PACKAGE(LIGHTING FIXTURES, LAMPS AND MISC. ITEMS) PRICE – EVALUATION SEVEN(07) PROJECTS ALTOGETHER
{BHILAI(468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)}

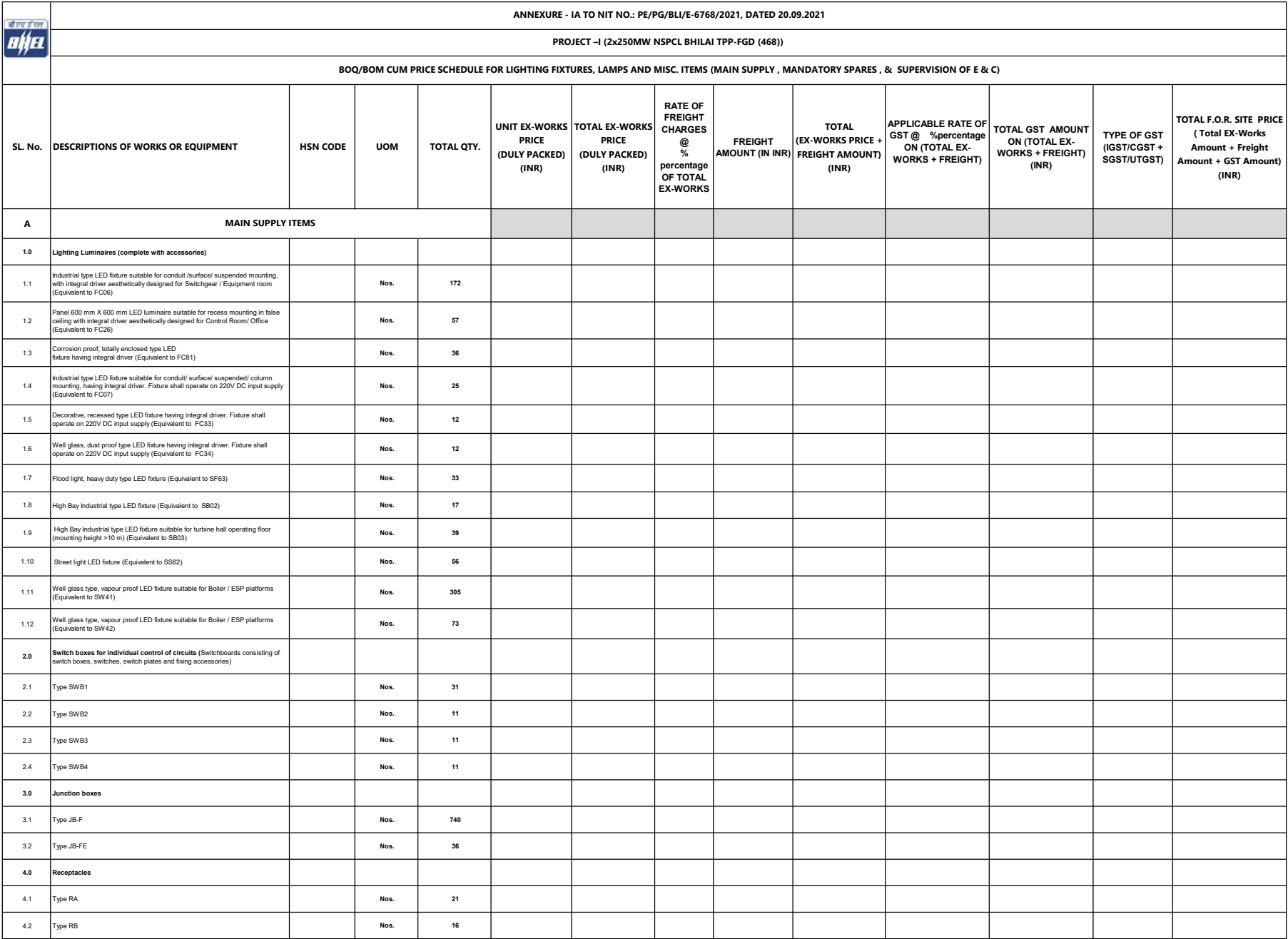
SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	UOM	TOTAL QTY.	TOTAL EX- WORKS PRICE (DULY PACKED) (INR)	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	TOTAL GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT) (INR)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR) - In Figure	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR) - In Words
F	PROJECT-VI (3X660 MW NPGCPL NABINAGAR STPP FGD(457)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for NPGCPL Nabinagar(457) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IF(Main Supply + Mandatory Sapres)	PROJECT-VI (NPGCPL NABINAGAR-457)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IF						
G	PROJECT-VII (3X200+3X500MW NTPC RAMAGUNDAM FGD(467)) LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –Package Price for Ramagundam(467) Project. BOQ/BOM Price Break-Up to be furnish by bidder in enclosed Annexure-IG(Main Supply + Mandatory Sapres)	PROJECT-VII (RAMAGUNDAM FGD-467)	LIGHTING FIXTURES, LAMPS AND MISC. ITEMS –COMPLETE PACKAGE - BREAK-UP AS PER ENCLOSED ANNEXURE-IG						
H	LUMPSUM GRAND TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS) PRICE (A+B+C+D+E+F+G) FOR SEVEN(07) PROJECTS ALTOGETHER - (In Figure)								
I	LUMPSUM GRAND TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS) PRICE (A+B+C+D+E+F+G) FOR SEVEN(07) PROJECTS ALTOGETHER - (In Words)								

NOTE :

(1) Evaluation shall be done for lumpsum seven (07) projects altogether for total package price on Ex Works + Freight basis , i.e. 'Total Cost to BHEL basis (excluding GST) for seven (07) projects altogether ' . Incomplete offer or part offer of NIT BOM/BOQ shall be summarily rejected.

(2) Contract/purchase order will be done for 100 percent value(seven (07) projects altogether) on L1 vendor for this package/tender. However, purchase order shall be release project wise for smoothness of operations.

(3) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 2000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . Please refer Annexure - I/i) project wise . However, supervision of E&C rate shall not be considered for price evaluation.



1.5	Decorative, recessed type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC33)		Nos.	5									
1.6	Well glass, dust proof type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC34)		Nos.	5									
1.7	Flood light, heavy duty type LED fixture (Equivalent to SF63)		Nos.	5									
1.8	High Bay Industrial type LED fixture (Equivalent to SB02)		Nos.	5									
1.9	High Bay Industrial type LED fixture suitable for turbine hall operating floor (mounting height >10 m) (Equivalent to SB03)		Nos.	5									
1.10	Street light LED fixture (Equivalent to SS62)		Nos.	5									
1.11	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW41)		Nos.	5									
1.12	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW42)		Nos.	5									
2.0	Lighting Control switches/receptacles												
2.0 a)	Receptacle RA (20A) with Plug		Nos.	5									
2.0 b)	Rotary switch		Nos.	5									
3.0	JB: Type F2 terminal strips		Nos.	25									
D	TOTAL PRICE FOR MANDATORY SPARES (1 to 3)												
E	Grand Total (B + D) - Total Lumpsum Price for Main Supply + Mandatory Spares (In Figure) (Note : This Price to be mentioned in Master Annexure-I for evaluation Price)												
F	Grand Total (B + D) - Total Lumpsum Price for Main Supply + Mandatory Spares (In Words)												

NOTES :

(1) CONTAINERS AS PER SPECIFICATION ARE TO BE SUPPLIED ALONG WITH FIRST SUPPLIES. THE PRICE OF CONTAINER IS DEEMED TO BE INCLUDED IN PACKAGE PRICE. NO SEPARATE CHARGES SHALL BE PAYABLE.

(2) THE MATERIAL SHALL BE SUPPLIED IN LOTS. LOTS SHALL BE RELEASED PROGRESSIVELY BASED ON APPROVED CONDUIT LAYOUT DRAWINGS OF DIFFERENT AREAS AND PROJECT REQUIREMENT.

(3) LIGHTING SYSTEM DESIGN CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR DESIGN ACTIVITY WILL BE PAYABLE.

(4) TYPE TESTS CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR TYPE TESTING WILL BE PAYABLE.

(5) FOR MANDATORY SPARES : Bidder to quote considering each type and each rating of items applicable as per technical specification & BOQ of Main Supply. Quantities of items for Mandatory spares shall be finalised after detail engineering of Main supply items.

(6) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project .

Please refer Annexure - I(i) project wise . However, supervision of E&C rate shall not be considered for price evaluation.

[illegible]



ANNEXURE - IC TO NIT NO.: PE/PG/BLI/E-6768/2021. DATED 20.09.2021

PROJECT -III (4X250MW BRBCL NABINAGAR FGD (463))

BOQ/BOM CUM PRICE SCHEDULE FOR LIGHTING FIXTURES, LAMPS AND MISC. ITEMS (MAIN SUPPLY, E&C SPARES, MANDATORY SPARES, & SUPERVISION OF E & C)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	RATE OF FREIGHT CHARGES @ % percentage OF TOTAL EX-WORKS	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	APPLICABLE RATE OF GST @ %percentage ON (TOTAL EX- WORKS + FREIGHT)	TOTAL GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR)
A	MAIN SUPPLY ITEMS												
1.0	Lighting Luminaires (complete with accessories)												
1.01	Luminaire Type FC06 (LED)		Nos.	337									
1.02	Luminaire Type FC07 (LED)-DC		Nos.	20									
1.03	Luminaire Type FC33 (LED)-DC		Nos.	10									
1.04	Luminaire Type FC34 (LED)-DC		Nos.	10									
1.05	Luminaire Type FC26 (LED)		Nos.	118									
1.06	Luminaire Type FC81 (LED)		Nos.	30									
1.07	Luminaire Type SB02 (LED)		Nos.	22									
1.08	Luminaire Type SB03 (LED)		Nos.	60									
1.09	Luminaire Type SF64 (LED)		Nos.	40									
1.10	Luminaire Type SS62 (LED)		Nos.	66									
1.11	Luminaire Type SW41 (LED)		Nos.	378									
1.12	Luminaire Type SW42 (LED)		Nos.	114									
2.0	Switch boxes for individual control of circuits												
2.01	Type SWB1		Nos.	15									
2.02	Type SWB2		Nos.	5									
2.03	Type SWB3		Nos.	5									
2.04	Type SWB4		Nos.	5									
2.1	Type SWB5		Nos.	2									
3	Junction boxes												
3.01	Type JB-F		Nos.	1175									
3.0	Type JB-FE		Nos.	30									
4	Receptacles												
4.01	Type RA		Nos.	30									
4.02	Type RB		Nos.	25									
4.0	Type RC		Nos.	10									
5	Fans												
5.01	Ceiling fans 1200 mm sweep		Nos.	5									
5.0	Pedestal Fan		Nos.	5									
6	Emergency lighting Units												
6.0	Emergency lighting Units With Lead-Acid/ Ni-Cd battery		Nos.	10									
7	Flexible electrogalvanised conduit												
7.0	Flexible TERENE coated conduit		Mtrs.	1000									
8	24V supply module & lamps unit complete with all accessories												
8.01	Fix Type 24V supply modules		Nos.	2									
8.0	Portable halogen lamp unit		Nos.	5									
8.0	5A, 24V industrial type sockets		Nos.	10									
9	EXIT SIGN		Nos.	10									
10	Occupancy sensor		Nos.	1									
11	Ladder												
11.01	Wheel mounted adjustable from 5M to 10M aluminium ladder		Nos.	1									
11.02	Free standing adjustable from 5M to 10M aluminium ladder		Nos.	1									
B	TOTAL PRICE FOR MAIN SUPPLY (1 to 11.02)												
C	E & C SPARES												
1	Lighting Luminaires (complete with accessories)												
1.01	Luminaire Type FC06 (LED)		Nos.	17									
1.02	Luminaire Type FC07 (LED)-DC		Nos.	1									
1.03	Luminaire Type FC33 (LED)-DC		Nos.	1									
1.04	Luminaire Type FC34 (LED)-DC		Nos.	1									
1.05	Luminaire Type FC26 (LED)		Nos.	6									
1.06	Luminaire Type FC81 (LED)		Nos.	2									
1.07	Luminaire Type SB02 (LED)		Nos.	2									
1.08	Luminaire Type SB03 (LED)		Nos.	3									
1.09	Luminaire Type SF64 (LED)		Nos.	2									

			Nos.	4									
1.1	Luminaire Type SS62 (LED)		Nos.	19									
1.11	Luminaire Type SW41 (LED)		Nos.	6									
1.12	Luminaire Type SW42 (LED)		Nos.										
2	Switch boxes for individual control of circuits												
2.01	Type SWB1		Nos.	1									
2.02	Type SWB2		Nos.	1									
2.03	Type SWB3		Nos.	4									
2.04	Type SWB4		Nos.	14									
3	Junction boxes												
3.01	Type JB-F		Nos.	59									
3.02	Type JB-FE		Nos.	2									
4	Receptacles												
4.01	Type RA		Nos.	2									
4.02	Type RB		Nos.	2									
4.03	Type RC		Nos.	1									
5	Fans												
5.01	Ceiling fans 1200 mm sweep		Nos.	1									
5.01	Pedestal Fan		Nos.	1									
6	Emergency lighting Units												
6.01	Emergency lighting Units With Lead-Acid/ Ni-Cd battery and 2x9W fluorescent lamp		Nos.	1									
7	Flexible electrogalvanised conduit												
7.01	20 mm dia flexible electrogalvanised PVC coated conduits, 1.6 mm thick		Mtrs.	50									
8	24V supply module & lamps unit complete with all accessories												
8.01	Fix Type 24V supply modules		Nos.	1									
8.02	Portable halogen lamp unit		Nos.	1									
8.03	5A, 24V industrial type sockets		Nos.	1									
9	EXIT SIGN		Nos.	1									
10	Occupancy sensor		Nos.	1									
D	TOTAL E & C SPARES PRICE (1 to 10)												
E	MANDATORY SAPRES SUPPLY ITEMS												
1.0	Lighting luminaires (complete with accessories)												
1	Luminaire Type FC06 (LED)		Nos.	5									
2	Luminaire Type FC07 (LED)-DC		Nos.	5									
3	Luminaire Type FC33 (LED)-DC		Nos.	5									
4	Luminaire Type FC34 (LED)-DC		Nos.	5									
5	Luminaire Type FC26 (LED)		Nos.	5									
6	Luminaire Type FC81 (LED)		Nos.	5									
7	Luminaire Type SB02 (LED)		Nos.	5									
8	Luminaire Type SB03 (LED)		Nos.	5									
9	Luminaire Type SF64 (LED)		Nos.	5									
10	Luminaire Type SS62 (LED)		Nos.	5									
11	Luminaire Type SW41 (LED)		Nos.	5									
12	Luminaire Type SW42 (LED)		Nos.	5									
F	TOTAL PRICE FOR MANDATORY SPARES (1 to 12)												
G	Grand Total (B + D + F) - Total Lumpsum Price for Main Supply + E&C Spares + Mandatory Spares (In Figure) (Note : This Price to be mentioned in Master Annexure-I for evaluation Price)												
H	Grand Total (B + D + F) - Total Lumpsum Price for Main Supply + E&C Spares + Mandatory Spares (In Words)												
NOTES :													
(1) CONTAINERS AS PER SPECIFICATION ARE TO BE SUPPLIED ALONG WITH FIRST SUPPLIES. THE PRICE OF CONTAINER IS DEEMED TO BE INCLUDED IN PACKAGE PRICE. NO SEPARATE CHARGES SHALL BE PAYABLE.													
(2) THE MATERIAL SHALL BE SUPPLIED IN LOTS. LOTS SHALL BE RELEASED PROGRESSIVELY BASED ON APPROVED CONDUIT LAYOUT DRAWINGS OF DIFFERENT AREAS AND PROJECT REQUIREMENT.													
(3) LIGHTING SYSTEM DESIGN CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR DESIGN ACTIVITY WILL BE PAYABLE.													
(4) TYPE TESTS CHARGES ARE DEEMED TO BE INCLUDED IN THE PRICE OF ABOVE ITEMS. NO SEPARATE CHARGES FOR TYPE TESTING WILL BE PAYABLE.													
(5) FOR MANDATORY SPARES : Bidder to quote considering each type and each rating of items applicable as per technical specification & BOQ of Main Supply. Quantities of items for Mandatory spares shall be finalised after detail engineering of Main supply items.													
(6) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . Please refer Annexure - I(i) project wise . However, supervision of E&C rate shall not be considered for price evaluation.													



PROJECT -IV (2X500MW NTPC MAUDA STAGE -I FGD (444))

BOQ/BOM CUM PRICE SCHEDULE FOR LIGHTING FIXTURES, LAMPS AND MISC. ITEMS (MAIN SUPPLY , MANDATORY SPARES , & SUPERVISION OF E & C)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	RATE OF FREIGHT CHARGES @ % percentage OF TOTAL EX-WORKS	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	APPLICABLE RATE OF GST @ %percentage ON (TOTAL EX-WORKS + FREIGHT)	TOTAL GST AMOUNT ON (TOTAL EX-WORKS + FREIGHT) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR)
A	MAIN SUPPLY ITEMS												
1.0	Lighting Luminaires (complete with accessories)												
1.1	Industrial type LED fixture suitable for conduit /surface/ suspended mounting, with integral driver aesthetically designed for stair case/toilets (Equivalent to FC02)		Nos.	33									
1.2	Industrial type LED fixture suitable for conduit /surface/ suspended mounting, with integral driver aesthetically designed for Switchgear / Equipment room (Equivalent to FC06)		Nos.	221									
1.3	Panel 600 mm X 600 mm LED luminaire suitable for recess mounting in false ceiling with integral driver aesthetically designed for Control Room/ Office (Equivalent to FC28)		Nos.	88									
1.4	Corrosion proof, totally enclosed type LED fixture having integral driver (Equivalent to FC81)		Nos.	59									
1.5	Industrial type LED fixture suitable for conduit/ surface/ suspended/ column mounting, having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC07)		Nos.	25									
1.6	Decorative, recessed type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC33)		Nos.	12									
1.7	Well glass, dust proof type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC34)		Nos.	12									
1.8	Flood light, heavy duty type LED fixture (Equivalent to SF63)		Nos.	33									
1.9	High Bay Industrial type LED fixture (Equivalent to SB02)		Nos.	17									
1.10	High Bay Industrial type LED fixture suitable for turbine hall operating floor (mounting height >10 m) (Equivalent to SB03)		Nos.	43									
1.11	Street light LED fixture (Equivalent to SS62)		Nos.	49									
1.12	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW41)		Nos.	305									
1.13	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW42)		Nos.	73									
2.0	Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories)												
2.1	Type SWB1		Nos.	31									
2.2	Type SWB2		Nos.	11									
2.3	Type SWB3		Nos.	11									
2.4	Type SWB4		Nos.	11									
3.0	Junction boxes												
3.1	Type JB-F		Nos.	857									
3.2	Type JB-FE		Nos.	59									
4.0	Receptacles												
4.1	Type RA		Nos.	26									
4.2	Type RB		Nos.	23									
4.3	Type RC		Nos.	16									
5.0	Fans												
5.1	Ceiling fans 1200 mm sweep		Nos.	10									
5.2	Pedestal Fan		Nos.	10									
6.0	Emergency lighting Units												
6.1	With Ni-Cd battery and 2x6W (LED)		Nos.	10									
7.0	Flexible TERNE coated conduit												
7.1	20 mm dia TERNE coated conduit		Mtrs.	1500									
8.0	Ladder												
8.1	Wheel mounted adjustable from 5M to 10M aluminium ladder		Nos.	1									
8.2	Free standing adjustable from 5M to 10M aluminium ladder		Nos.	1									
9.0	EXIT SIGN with lamp		Nos.	10									
10.0	Driver for Lighting Luminaires												
10.1	Type FC02 (LED)		Nos.	5									
10.2	Type FC06 (LED)		Nos.	5									
10.3	Type FC26 (LED)		Nos.	5									
10.4	Type FC81 (LED)		Nos.	5									
10.5	Type FC07 (LED)		Nos.	5									
10.6	Type FC33 (LED)		Nos.	5									
10.7	Type FC34 (LED)		Nos.	5									
10.8	Type SF63 (LED)		Nos.	5									
10.9	Type SB02 (LED)		Nos.	5									
10.10	Type SB03 (LED)		Nos.	5									



ANNEXURE - IE TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

PROJECT-V (3X200+3X500+1X500MW NTPC KORBA FGD(466))

BOQ/BOM CUM PRICE SCHEDULE FOR LIGHTING FIXTURES, LAMPS AND MISC. ITEMS (MAIN SUPPLY , MANDATORY SPARES , & SUPERVISION OF E & C)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	RATE OF FREIGHT CHARGES @ % percentage OF TOTAL EX-WORKS	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	APPLICABLE RATE OF GST @ %percentage ON (TOTAL EX-WORKS + FREIGHT)	TOTAL GST AMOUNT ON (TOTAL EX-WORKS + FREIGHT) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR)
A	MAIN SUPPLY ITEMS												
1.0	Lighting Luminaires (complete with accessories)												
1.1	Industrial type LED fixture suitable for conduit /surface/ suspended mounting, with integral driver aesthetically designed for Switchgear / Equipment room (Equivalent to FC06)		Nos.	498									
1.2	Panel 600 mm X 600 mm LED luminaire suitable for recess mounting in false ceiling with integral driver aesthetically designed for Control Room/ Office (Equivalent to FC28)		Nos.	127									
1.3	Corrosion proof, totally enclosed type LED fixture having integral driver (Equivalent to FC81)		Nos.	24									
1.4	Industrial type LED fixture suitable for conduit/ surface/ suspended/ column mounting, having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC07)		Nos.	41									
1.5	Decorative, recessed type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC33)		Nos.	13									
1.6	Flood light, heavy duty type LED fixture (Equivalent to SF63)		Nos.	64									
1.7	High Bay Industrial type LED fixture (Equivalent to SB02)		Nos.	13									
1.8	High Bay Industrial type LED fixture suitable for turbine hall operating floor (mounting height >10 m) (Equivalent to SB03)		Nos.	122									
1.9	Street light LED fixture (Equivalent to SS62)		Nos.	206									
1.10	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW41)		Nos.	816									
1.11	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW42)		Nos.	209									
2.0	Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories)												
2.1	Type SWB1		Nos.	11									
2.2	Type SWB2		Nos.	16									
2.3	Type SWB3		Nos.	3									
2.4	Type SWB4		Nos.	5									
3.0	Junction boxes												
3.1	Type JB-F		Nos.	2007									
3.2	Type JB-FE		Nos.	24									
4.0	Receptacles												
4.1	Type RA		Nos.	49									
4.2	Type RB		Nos.	33									
4.3	Type RC		Nos.	31									
5.0	Fans												
5.1	Pedestal Fan		Nos.	10									
6.0	Emergency lighting Units												
6.1	With Ni-Cd battery and 2x6W (LED)		Nos.	16									
7.0	Flexible TERNE coated conduit												
7.1	20 mm dia TERNE coated conduit		Mtrs.	4900									
8.0	Ladder												
8.1	Wheel mounted adjustable from 5M to 10M aluminium ladder		Nos.	1									
8.2	Free standing adjustable from 5M to 10M aluminium ladder		Nos.	1									
9.0	EXIT SIGN with lamp		Nos.	12									
10.0	Driver for Lighting Luminaires												
10.1	Type FC06 (LED)		Nos.	5									
10.2	Type FC26 (LED)		Nos.	5									
10.3	Type FC81 (LED)		Nos.	5									
10.4	Type FC07 (LED)		Nos.	5									
10.5	Type FC33 (LED)		Nos.	5									
10.6	Type SF63 (LED)		Nos.	5									
10.7	Type SB02 (LED)		Nos.	5									
10.8	Type SB03 (LED)		Nos.	5									
10.9	Type SS62 (LED)		Nos.	5									
10.10	Type SW41 (LED)		Nos.	5									
10.11	Type SW42 (LED)		Nos.	5									
11.0	Structural steel		MT	8									
12.0	Occupancy Sensor		nos.	5									



PROJECT-VI (3X660 MW NPGCPL NABINAGAR STPP FGD(457))

BOQ/BOM CUM PRICE SCHEDULE FOR LIGHTING FIXTURES, LAMPS AND MISC. ITEMS (MAIN SUPPLY , MANDATORY SPARES , & SUPERVISION OF E & C)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	RATE OF FREIGHT CHARGES @ % percentage OF TOTAL EX-WORKS	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	APPLICABLE RATE OF GST @ %percentage ON (TOTAL EX- WORKS + FREIGHT)	TOTAL GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR)
A	MAIN SUPPLY ITEMS												
1.0	Lighting Luminaires (complete with accessories)												
1.1	Industrial type LED fixture suitable for conduit /surface/ suspended mounting, with integral driver aesthetically designed for Switchgear / Equipment room (Equivalent to FC06)		Nos.	296									
1.3	Panel 600 mm X 600 mm LED luminaire suitable for recess mounting in false ceiling with integral driver aesthetically designed for Control Room/ Office (Equivalent to FC26)		Nos.	116									
1.4	Corrosion proof, totally enclosed type LED fixture having integral driver (Equivalent to FC81)		Nos.	27									
1.5	Industrial type LED fixture suitable for conduit/ surface/ suspended/ column mounting, having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC07)		Nos.	25									
1.6	Decorative, recessed type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC33)		Nos.	12									
1.7	Well glass, dust proof type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC34)		Nos.	12									
1.8	Flood light, heavy duty type LED fixture (Equivalent to SF63)		Nos.	43									
1.9	High Bay Industrial type LED fixture (Equivalent to SB02)		Nos.	18									
1.1	High Bay Industrial type LED fixture suitable for turbine hall operating floor (mounting height >10 m) (Equivalent to SB03)		Nos.	62									
1.11	Street light LED fixture (Equivalent to SS62)		Nos.	72									
1.12	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW41)		Nos.	426									
1.13	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW42)		Nos.	129									
2.0	Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories)												
2.1	Type SWB1		Nos.	31									
2.2	Type SWB2		Nos.	11									
2.3	Type SWB3		Nos.	11									
2.4	Type SWB4		Nos.	11									
3.0	Junction boxes												
3.1	Type JB-F		Nos.	1100									
3.2	Type JB-FE		Nos.	27									
4.0	Receptacles												
4.1	Type RA		Nos.	26									
4.2	Type RB		Nos.	23									
4.3	Type RC		Nos.	16									
5.0	Fans												
5.1	Ceiling fans 1200 mm sweep		Nos.	10									
5.2	Pedestal Fan		Nos.	10									
6.0	Emergency lighting Units												
6.1	With Ni-Cd battery and 2x6W (LED)		Nos.	10									
7.0	Flexible TERNE coated conduit												
7.1	20 mm dia TERNE coated conduit		Mtrs.	1900									
8.0	Ladder												
8.1	Wheel mounted adjustable from 5M to 10M aluminium ladder		Nos.	1									
8.2	Free standing adjustable from 5M to 10M aluminium ladder		Nos.	1									
9.0	EXIT SIGN with lamp		Nos.	10									
10.0	Driver for Lighting Luminaires												
10.1	Type FC06 (LED)		Nos.	5									
10.2	Type FC26 (LED)		Nos.	5									
10.3	Type FC81 (LED)		Nos.	5									
10.4	Type FC07 (LED)		Nos.	5									
10.5	Type FC33 (LED)		Nos.	5									
10.6	Type FC34 (LED)		Nos.	5									
10.7	Type SF63 (LED)		Nos.	5									
10.8	Type SB02 (LED)		Nos.	5									
10.9	Type SB03 (LED)		Nos.	5									
10.10	Type SS62 (LED)		Nos.	5									
10.11	Type SW41 (LED)		Nos.	5									
10.12	Type SW42 (LED)		Nos.	5									
11.0	Structural steel		MT	3									

[illegible]



PROJECT-VII (3X200+3X500MW NTPC RAMAGUNDAM FGD(467))

BOQ/BOM CUM PRICE SCHEDULE FOR LIGHTING FIXTURES, LAMPS AND MISC. ITEMS (MAIN SUPPLY , MANDATORY SPARES , & SUPERVISION OF E & C)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT EX-WORKS PRICE (DULY PACKED) (INR)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR)	RATE OF FREIGHT CHARGES @ % percentage OF TOTAL EX-WORKS	FREIGHT AMOUNT (IN INR)	TOTAL (EX-WORKS PRICE + FREIGHT AMOUNT) (INR)	APPLICABLE RATE OF GST @ %percentage ON (TOTAL EX- WORKS + FREIGHT)	TOTAL GST AMOUNT ON (TOTAL EX- WORKS + FREIGHT) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL F.O.R. SITE PRICE (Total EX-Works Amount + Freight Amount + GST Amount) (INR)
A	MAIN SUPPLY ITEMS												
1.0	Lighting Luminaires (complete with accessories)												
1.1	Industrial type LED fixture suitable for conduit /surface/ suspended mounting, with integral driver aesthetically designed for Switchgear / Equipment room (Equivalent to FC06)		Nos.	499									
1.2	Panel 600 mm X 600 mm LED luminaire suitable for recess mounting in false ceiling with integral driver aesthetically designed for Control Room/ Office (Equivalent to FC26)		Nos.	99									
1.3	Corrosion proof, totally enclosed type LED fixture having integral driver (Equivalent to FC81)		Nos.	29									
1.4	Industrial type LED fixture suitable for conduit/ surface/ suspended/ column mounting, having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC07)		Nos.	25									
1.5	Decorative, recessed type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC33)		Nos.	12									
1.6	Well glass, dust proof type LED fixture having integral driver. Fixture shall operate on 220V DC input supply (Equivalent to FC34)		Nos.	12									
1.7	Flood light, heavy duty type LED fixture (Equivalent to SF63)		Nos.	35									
1.8	High Bay Industrial type LED fixture (Equivalent to SB02)		Nos.	14									
1.9	High Bay Industrial type LED fixture suitable for turbine hall operating floor (mounting height >10 m) (Equivalent to SB03)		Nos.	77									
1.10	Street light LED fixture (Equivalent to SS62)		Nos.	60									
1.11	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW41)		Nos.	556									
1.12	Well glass type, vapour proof LED fixture suitable for Boiler / ESP platforms (Equivalent to SW42)		Nos.	132									
2.0	Switch boxes for individual control of circuits (Switchboards consisting of switch boxes, switches, switch plates and fixing accessories)												
2.1	Type SWB1		Nos.	25									
2.2	Type SWB2		Nos.	10									
2.3	Type SWB3		Nos.	10									
2.4	Type SWB4		Nos.	10									
3.0	Junction boxes												
3.1	Type JB-F		Nos.	1426									
3.2	Type JB-FE		Nos.	29									
4.0	Receptacles												
4.1	Type RA		Nos.	20									
4.2	Type RB		Nos.	15									
4.3	Type RC		Nos.	25									
5.0	Fans												
5.1	Ceiling fans 1200 mm sweep		Nos.	10									
5.2	Pedestal Fan		Nos.	10									
6.0	Emergency lighting Units												
6.1	With Ni-Cd battery and 2x6W (LED)		Nos.	10									
7.0	Flexible TERNE coated conduit												
7.1	20 mm dia TERNE coated conduit		Mtrs.	2000									
8.0	Ladder												
8.1	Wheel mounted adjustable from 5M to 10M aluminium ladder		Nos.	1									
8.2	Free standing adjustable from 5M to 10M aluminium ladder		Nos.	1									
9.0	EXIT SIGN with lamp		Nos.	10									
10.0	Driver for Lighting Luminaires												
10.1	Type FC06 (LED)		Nos.	5									
10.2	Type FC26 (LED)		Nos.	5									
10.3	Type FC81 (LED)		Nos.	5									
10.4	Type FC07 (LED)		Nos.	5									
10.5	Type FC33 (LED)		Nos.	5									
10.6	Type FC34 (LED)		Nos.	5									
10.7	Type SF63 (LED)		Nos.	5									
10.8	Type SB02 (LED)		Nos.	5									
10.9	Type SB03 (LED)		Nos.	5									
10.10	Type SS62 (LED)		Nos.	5									
10.11	Type SW41 (LED)		Nos.	5									
10.12	Type SW42 (LED)		Nos.	5									
11.0	Structural steel		MT	3									

[illegible]



ANNEXURE - I(i) TO NIT NO.: PE/PG/BLI/E-6768/2021. DATED 20.09.2021

[BHILAI(468)] - PROJECT-I

SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT PRICE (In Rs.)	TOTAL PRICE (In Rs.)	APPLICABLE RATE OF GST @ 18%percentage ON (TOTAL PRICE)	TOTAL GST AMOUNT ON (TOTAL PRICE) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL SUM PRICE (Total Job Amount + Total GST Amount) (INR)
A	SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT) [BHILAI(468)]- PROJECT-I									
1	CHARGES PER VISIT	9954	VISIT	3	20000	60000.00	18	10800.00		70800.00
2	MANDAYS CHARGES	9954	DAYS	15	5000	75000.00	18	13500.00		88500.00
B	Grand Total (1+2) - Total Lumpsum Price for SUPERVISION OF E&C (In Figure)					135000.00		24300.00		159300.00

NOTES :

(1) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . However, supervision of E&C rate shall not be considered for price evaluation.

(2) Vendor to complete scope of work for supervisor of E & C in fixed no. of visit/mandays as per BOQ/BOM of respective project.

(3) THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC.

(4) AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 01 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 02 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE).



ANNEXURE - I(i) TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

[NORTH KARANPURA(441)] - PROJECT-II

SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT PRICE (In Rs.)	TOTAL PRICE (In Rs.)	APPLICABLE RATE OF GST @ 18%percentage ON (TOTAL PRICE)	TOTAL GST AMOUNT ON (TOTAL PRICE) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL SUM PRICE (Total Job Amount + Total GST Amount) (INR)
A	SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT) [NORTH KARANPURA(441)] - PROJECT-II									
1	CHARGES PER VISIT	9954	VISIT	3	20000	60000.00	18	10800.00		70800.00
2	MANDAYS CHARGES	9954	DAYS	12	5000	60000.00	18	10800.00		70800.00
B	Grand Total (1+2) - Total Lumpsum Price for SUPERVISION OF E&C (In Figure)					120000.00		21600.00		141600.00

NOTES :

(1) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . However, supervision of E&C rate shall not be considered for price evaluation.

(2) Vendor to complete scope of work for supervisor of E & C in fixed no. of visit/mandays as per BOQ/BOM of respective project.

(3) THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC.

(4) AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 01 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 02 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE).



ANNEXURE - I(i) TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

PROJECT-III
(NABINAGAR FGD-463)

SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT PRICE (In Rs.)	TOTAL PRICE (In Rs.)	APPLICABLE RATE OF GST @ 18%percentage ON (TOTAL PRICE)	TOTAL GST AMOUNT ON (TOTAL PRICE) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL SUM PRICE (Total Job Amount + Total GST Amount) (INR)
A	SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT) (NABINAGAR FGD-463) - PROJECT-III									
1	CHARGES PER VISIT	9954	VISIT	2	20000	40000.00	18	7200.00		47200.00
2	MANDAYS CHARGES	9954	DAYS	12	5000	60000.00	18	10800.00		70800.00
B	Grand Total (1+2) - Total Lumpsum Price for SUPERVISION OF E&C (In Figure)					100000.00		18000.00		118000.00

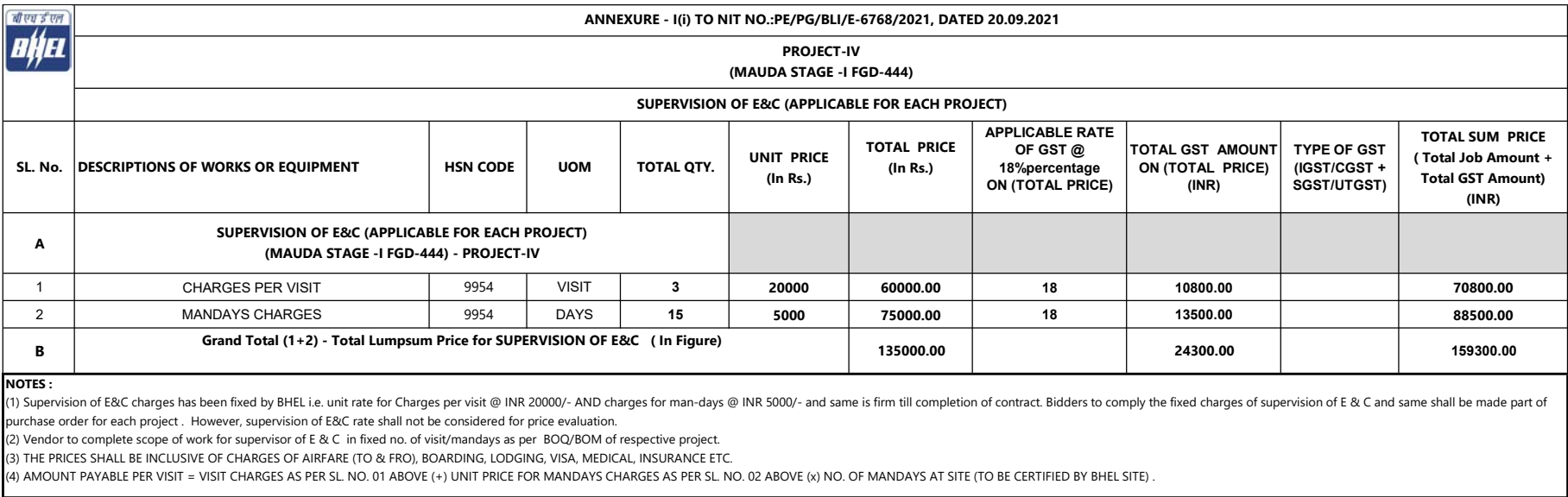
NOTES :

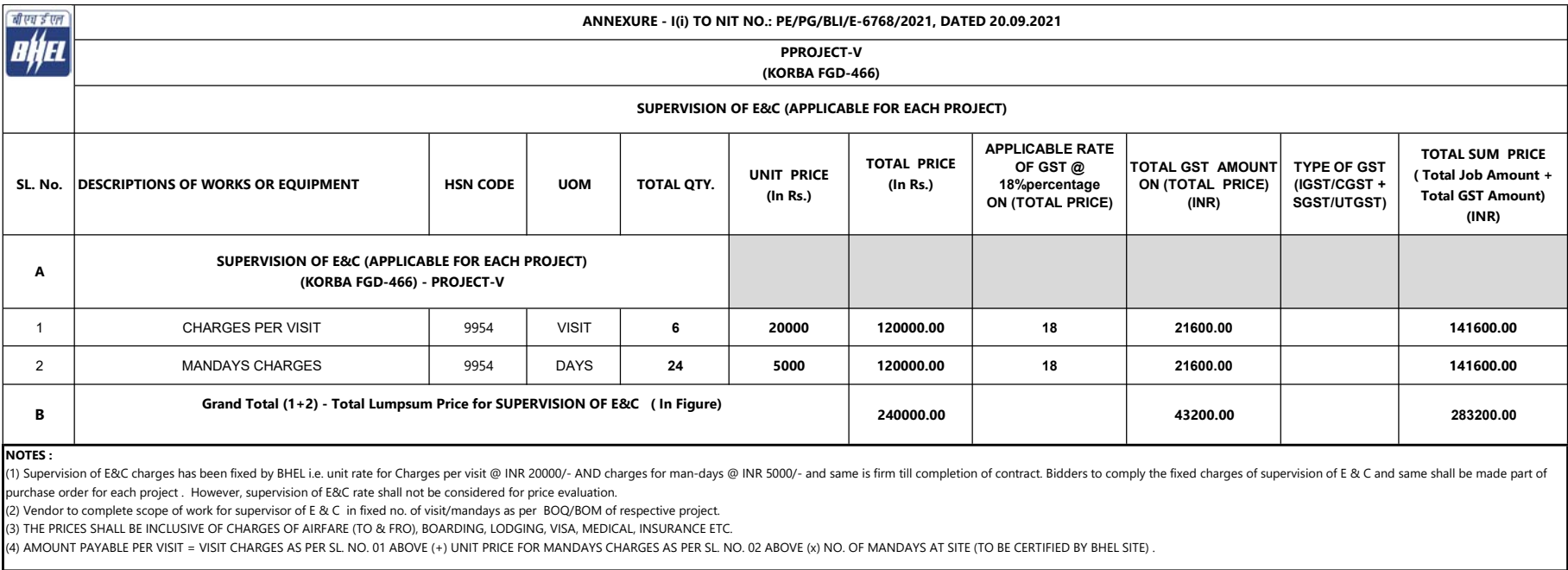
(1) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . However, supervision of E&C rate shall not be considered for price evaluation.

(2) Vendor to complete scope of work for supervisor of E & C in fixed no. of visit/mandays as per BOQ/BOM of respective project.

(3) THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC.

(4) AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 01 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 02 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE) .







ANNEXURE - I(i) TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

PROJECT-VI
(NPGCPL NABINAGAR-457)

SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT PRICE (In Rs.)	TOTAL PRICE (In Rs.)	APPLICABLE RATE OF GST @ 18%percentage ON (TOTAL PRICE)	TOTAL GST AMOUNT ON (TOTAL PRICE) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL SUM PRICE (Total Job Amount + Total GST Amount) (INR)
A	SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT) (NPGCPL NABINAGAR-457) - PROJECT-VI									
1	CHARGES PER VISIT	9954	VISIT	3	20000	60000.00	18	10800.00		70800.00
2	MANDAYS CHARGES	9954	DAYS	15	5000	75000.00	18	13500.00		88500.00
B	Grand Total (1+2) - Total Lumpsum Price for SUPERVISION OF E&C (In Figure)					135000.00		24300.00		159300.00

NOTES :

- (1) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . However, supervision of E&C rate shall not be considered for price evaluation.
- (2) Vendor to complete scope of work for supervisor of E & C in fixed no. of visit/mandays as per BOQ/BOM of respective project.
- (3) THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC.
- (4) AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 01 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 02 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE) .



ANNEXURE - I(i) TO NIT NO.: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

PROJECT-VII
(RAMAGUNDAM FGD-467)

SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT)

SL. No.	DESCRIPTIONS OF WORKS OR EQUIPMENT	HSN CODE	UOM	TOTAL QTY.	UNIT PRICE (In Rs.)	TOTAL PRICE (In Rs.)	APPLICABLE RATE OF GST @ 18%percentage ON (TOTAL PRICE)	TOTAL GST AMOUNT ON (TOTAL PRICE) (INR)	TYPE OF GST (IGST/CGST + SGST/UTGST)	TOTAL SUM PRICE (Total Job Amount + Total GST Amount) (INR)
A	SUPERVISION OF E&C (APPLICABLE FOR EACH PROJECT) (RAMAGUNDAM FGD-467) - PROJECT-VII									
1	CHARGES PER VISIT	9954	VISIT	3	20000	60000.00	18	10800.00		70800.00
2	MANDAYS CHARGES	9954	DAYS	15	5000	75000.00	18	13500.00		88500.00
B	Grand Total (1+2) - Total Lumpsum Price for SUPERVISION OF E&C (In Figure)					135000.00		24300.00		159300.00

NOTES :

(1) Supervision of E&C charges has been fixed by BHEL i.e. unit rate for Charges per visit @ INR 20000/- AND charges for man-days @ INR 5000/- and same is firm till completion of contract. Bidders to comply the fixed charges of supervision of E & C and same shall be made part of purchase order for each project . However, supervision of E&C rate shall not be considered for price evaluation.

(2) Vendor to complete scope of work for supervisor of E & C in fixed no. of visit/mandays as per BOQ/BOM of respective project.

(3) THE PRICES SHALL BE INCLUSIVE OF CHARGES OF AIRFARE (TO & FRO), BOARDING, LODGING, VISA, MEDICAL, INSURANCE ETC.

(4) AMOUNT PAYABLE PER VISIT = VISIT CHARGES AS PER SL. NO. 01 ABOVE (+) UNIT PRICE FOR MANDAYS CHARGES AS PER SL. NO. 02 ABOVE (x) NO. OF MANDAYS AT SITE (TO BE CERTIFIED BY BHEL SITE).



[BHILAI(468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)] - LIGHTING FIXTURES, LAMPS AND MISC. ITEMS

TENDER ENQUIRY REF NO: - PE/PG/BLI/E-6768/2021, DATED 20.09.2021

NAME OF VENDOR:-

SL NO	VOLUME/ SECTION	PAGE NO.	CLAUSE NO.	TECHNICAL SPECIFICATION/ TENDER DOCUMENT	COMPLETE DESCRIPTION OF DEVIATION	COST OF WITHDRAWAL OF DEVIATION	REFERENCE OF PRICE SCHEDULE ON WHICH COST OF WITHDRAWAL OF DEVIATION IS APPLICABLE	NATURE OF COST OF WITHDRAWAL OF DEVIATION (POSITIVE/ NEGATIVE)	REASONS FOR QUOTING DEVIATION	
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TECHNICAL DEVIATIONS

[illegible][illegible][illegible]

PARTICULARS OF BIDDERS/ AUTHORISED REPRESENTATIVE	
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NAME	DESIGNATIONS	SIGN & DATE		

NOTES:

1. Cost of withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.
2. All the bidders have to list out all their Technical & Commercial Deviations (if any) in detail in the above format.

3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.
4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawal of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In the absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.
5. Bidder shall furnish price copy of above format along with price bid.
6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.
7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.
8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawal of deviation loading as per Annexure-VII, will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawal of deviation shall be taken as NIL.
9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be considered.
10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.
11. Cost of withdrawal is to be given separately for each deviation. In no event bidder should club cost of withdrawal of more than one deviation else cost of withdrawal of such deviations which have been clubbed together shall be considered as NIL.
12. In case nature of cost of withdrawal (positive/negative) is not specified it shall be assumed as positive.
13. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.

ANNEXURE – 3 TO NIT NO . PE/PG/BLI/E-6768/2021, DATED 20.09.2021

An undertaking regarding Model Clauses on company letter head only

(To be provided along with bid)

Reference: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

Item: **LUMPSUM TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS)– EVALUATION SEVEN (07) PROJECTS ALTOGETHER**

Project: **SEVEN (07) PROJECTS ALTOGETHER -[BHILAI (468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]**

TO WHOM SO IT MAY CONCERN

This is with reference to Ministry of Finance circular dated 23.07.20 reg. restriction under rule 144 (xi) of GFR.

“I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I hereby certify that M/s is not from such a country and is eligible to be considered/participate in tender enquiry no. : PE/PG/BLI/E-6768/2021, DATED 20.09.2021

Sign & Signature (Not below Director/owner of the company)

Date:

Place:

ANNEXURE – 4

SEVEN (07) PROJECTS ALTOGETHER -[BHILAI (468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]

Letter head of Company

Ref: **PE/PG/BLI/E-6768/2021, DATED 20.09.2021**

Date:

To,
Bharat Heavy Electricals Limited
PEM, PPEI Building, Plot No 25,
Sector -16A, Noida (U.P)-201301

Subject: - Certification regarding local content

Reference: Tender Enquiry No:- **PE/PG/BLI/E-6768/2021, DATED 20.09.2021**

Name of Package: **LUMPSUM TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS)– EVALUATION SEVEN (07) PROJECTS ALTOGETHER**

Dear Sir,

We hereby certify that items offered by us of **LIGHTING FIXTURES, LAMPS AND MISC. ITEMS** for above seven projects meets the requirement of minimum local content in line with clause no. 13 of NIT and the Public Procurement (Preference to Make in India), Order 2017 dated-15.06.2017, 28.05.2018 & 29.05.2019, 04.06.20 & 16.09.20.

Bidder to furnish: Percentage of local content quoted in subject offer is :

We further confirm that details of location at which the local value addition is made will be our registered works at.....
.....
..... (address of the works)

Yours very truly

..... (authorized signatory of company)

..... (firm name)

authorized signatory
of company

ANNEXURE – 5 TO NIT NO . PE/PG/BLI/E-6768/2021, DATED 20.09.2021

An undertaking regarding 'GeM' Seller ID on company letter head only

(To be provided along with bid)

Reference: PE/PG/BLI/E-6768/2021, DATED 20.09.2021

Item: LUMP SUM TOTAL PACKAGE (LIGHTING FIXTURES, LAMPS AND MISC. ITEMS)– EVALUATION SEVEN (07) PROJECTS ALTOGETHER

Project: SEVEN (07) PROJECTS ALTOGETHER -[BHILAI (468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]

TO WHOM SO IT MAY CONCERN

This is with reference to as per Department of Expenditure (DoE) OM No. 6/9/2020-PPD dt. 24/08/2020, it is mandatory for all the bidders to provide their 'GeM' (Government e-Market Place) Seller ID.

Bidder to Furnish:

- (a) Bidder Name:
- (b) Bidder 'GeM' Seller ID:

Above information is mandatory, failing which we are unable to place order. Please furnish the same.

Sign & Signature (Authorized Person)

Date:

Place:

PROJECT: SEVEN (07) PROJECTS ALTOGETHER -[BHILAI (468), NORTH KARANPURA(441), NABINAGAR FGD(463), MAUDA STAGE -I FGD(444), KORBA FGD(466), NPGCPL NABINAGAR(457), & RAMAGUNDAM FGD(467)]
ANNEXURE -6 TO NIT NO. PE/PG/BLI/E-6768/2021, DATED 20.09.2021
INSTRUCTIONS TO PACKING LIST&BOM

For faster verification of bills, successful bidder to submit detailed Bill of Material (BOM) at the time of drawings/ documents submission after placement of PO. Each item of the BOM to be uniquely identified with item code no. or item Sl. No. Supplier to ensure that all items which will find separate mention in the packing list are covered in this detailed BOM.

Supplier to also give the following undertaking in the BOM:

“The BOM provided herewith completes the scope (in content and intent) of material supply under PO No. Dated Any additional material which may become necessary for the intended application of the supplied items/package will be supplied free of cost in most reasonable time.

Packing List must indicate:

- a) Packing size
- b) Gross weight and net weight of each package
- c) Contents of the package with cross reference to BOM item code no. / Sl. No.
- d) Quantity of each items separately.

The packing list must cover all the BOM items.

Supplier to give following undertaking in the packing list:

The Packing list provided herewith is as per BOM approved under PO No. -----



Project Engineering Management, Noida

Dated: 27.08.2020

Guidelines for Remote Inspection of PEM BOIs

1) OBJECTIVE:

To lay down the procedure for carrying out Remote Inspection of Bought-out Items (BOIs) for PEM suppliers wherever applicable.

2) SCOPE:

It will cover suppliers for packages of PEM BOIs for various project requirements.

Invitation is sent to the suppliers for remote inspection on applications like MS Teams, Webex, etc. by BHEL.


3) MINIMUM REQUIREMENTS AT SUPPLIER'S WORKS:

- i. Uninterrupted internet services
- ii. Good internet bandwidth (Min 100 Mbps)
- iii. Good resolution camera (2 nos) – one preferably CCTV (static at one place) and one hand hold (moving)
- iv. Smart phone with minimum 8MPi camera front and back both with optical zoom facility suitable for using web applications like Webex, MicroSoft (MS) Teams, etc.
- v. Computer and Scanner with good resolution
- vi. Digital signatures of supplier's Quality Engineer
- vii. Availability of web applications like Webex, MicroSoft (MS) Teams, as required.
- viii. All Test certificates, internal test reports, calibration reports, etc. for the items offered for inspection.
- ix. Availability of the above to be submitted to BHEL two days in advance before inspection.
- x. Dedicated team from supplier side for facilitating inspection requirements.
- xi. For ensuring proper visibility, the suggested Portable lighting sources (torch/ electric LED bulb of minimum 15 W) with no glare is to be ensured at offered job, location for remote inspection/testing. This is to be verified before start of the inspection.
- xii. The GPS location co-ordinates or any method to locate inspection location shall be captured indicating the location of the Vendor-Premises of remote inspection/testing.

4) MINIMUM REQUIREMENTS AT BHEL and CUSTOMER LOCATION :

- i. Uninterrupted internet services
- ii. Suitable internet bandwidth
- iii. Digital signatures wherever required.
- iv. Availability of web applications like Webex, MS Teams, etc. as required.

Prepared by	Reviewed by	Approved by
Mohit Kumar, Dy.Mgr/Q&BE	Ritesh Kumar Jaiswal, DGM/Q&BE	Rajesh Kumar, AGM&DH/Q&BE

	Bharat Heavy Electricals Limited	PE/Q&BE/RI/00
	Project Engineering Management, Noida	Dated: 27.08.2020

- v. Clearance from customer for conducting remote inspection

5) PROCEDURE:

- i. Supplier will raise the inspection call in BHEL - CQIR portal.
 - ii. Supplier shall ensure availability of minimum requirements at supplier's works as mentioned above at point 3.
 - iii. Before starting the inspection, the supplier shall submit the documents (TCs, internal test reports and calibration certificates as per approved QAP) two days before the date of inspection for review by BHEL and supplier shall coordinate with BHEL and if found satisfactory, inspection shall be considered for remote.
 - iv. Prior to commencement of remote inspection a pre inspection meeting shall be organised by BHEL inspector with supplier to ascertain the readiness for remote inspection.
- 6) During inspection, supplier shall share the location on Google maps for verifying the address of the manufacturer. Location may be captured by BHEL as screenshot.
- i. Inspection shall be on the basis of approved Quality Plans and associated reference documents mentioned.
 - ii. For witnessing inspection, supplier shall bring the mobile video camera near to the surface of the equipment or as per requirement of the inspector for clarity in viewing the test/ equipment which shall be the responsibility of supplier. Supplier shall ensure that proper lighting is available during live video streaming.
 - iii. Before start of the inspection, inspector shall ensure that all instruments shall have valid calibration report. Supplier shall ensure use of digital instruments preferably for inspection to the extent possible.
 - iv. Details of suppliers's dedicated team handling the remote inspection shall also be incorporated in the CQIR.
 - v. All details of inspection/ testing referred documents shall be mentioned in the CQIR. Recording of remote inspection shall be maintained by the BHEL inspector and this recording (unedited) shall be maintained at BHEL system for a minimum period of 3 years or till the warranty period whichever is later.
 - vi. PEM (Engineering) shall accord final technical clearance, in case of any deviation in inspected item noticed during inspection.
 - vii. Inspection shall be conducted by PEM-Q&BE assigned inspector along with PEM-Engg (if required). CQIR shall be prepared and maintained by PEM-Q&BE.
 - viii. PG will issue MDCC on the basis of acceptance of inspected items along with accepted packing photographs as per contract provisions.
- 7) **UNDERTAKING BY VENDOR:** Material inspected through remote inspections is meeting all technical requirements of BHEL. In case of any discrepancy from the above procedure/ material inspected, if found later, vendor will replace the materials without any cost implication to BHEL.
- 8) Vendor shall provide the signed and stamped of the above guidelines to BHEL as a token of acceptance.

Prepared by	Reviewed by	Approved by
Mohit Kumar, Dy.Mgr/Q&BE	Ritesh Kumar Jaiswal, DGM/Q&BE	Rajesh Kumar, AGM&DH/Q&BE

INTEGRITY PACT

Between

Bharat Heavy Electricals Ltd. (BHEL), a company registered under the Companies Act 1956 and having its registered office at "BHEL House", Siri Fort, New Delhi – 110049 (India) hereinafter referred to as "The Principal", which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the ONE PART

and

_____, (description of the party along with address), hereinafter referred to as "The Bidder/ Contractor" which expression unless repugnant to the context or meaning hereof shall include its successors or assigns of the OTHER PART

Preamble

The Principal intends to award, under laid-down organizational procedures, contract/s for

_____. The Principal values full compliance with all relevant laws of the land, rules and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder(s)/ Contractor(s).

In order to achieve these goals, the Principal will appoint Independent External Monitor(s), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 – Commitments of the Principal

1.1 The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles: -

1.1.1 No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

1.1.2 The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.

1.1.3 The Principal will exclude from the process all known prejudiced persons.

1.2 If the Principal obtains information on the conduct of any of its employees which is a penal offence under the Indian Penal Code 1860 and Prevention of Corruption Act 1988 or any other statutory penal enactment, or if there be a substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 – Commitments of the Bidder(s)/ Contractor(s)

2.1 The Bidder(s)/ Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

2.1.1 The Bidder(s)/ Contractor(s) will not, directly or through any other person or firm, offer, promise or give to the Principal or to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material, immaterial or any other benefit which he / she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2.1.2 The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any illegal or undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

2.1.3 The Bidder(s)/ Contractor(s) will not commit any penal offence under the relevant IPC/ PC Act; further the Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

2.1.4 Foreign Bidder(s)/ Contractor(s) shall disclose the name and address of agents and representatives in India and Indian Bidder(s)/ Contractor(s) to disclose their foreign principals or associates. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

2.2 The Bidder(s)/ Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

2.3 The Bidder(s)/ Contractor(s) shall not approach the Courts while representing the matters to IEMs and will await their decision in the matter.

Section 3 – Disqualification from tender process & exclusion from future contracts

If the Bidder(s)/ Contractor(s), before award or during execution has committed a transgression through a violation of Section 2 above, or acts in any other manner such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/ Contractor(s) from the tender process or take action as per the separate "Guidelines on Banning of Business dealings with Suppliers/ Contractors". framed by the Principal.

Section 4 – Compensation for Damages

4.1 If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent Earnest Money Deposit/Bid Security.

4.2 If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

Section 5 – Previous Transgression

5.1 The Bidder declares that no previous transgressions occurred in the last 3 years with any other company in any country conforming to the anti-corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

5.2 If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 – Equal treatment of all Bidders/ Contractors/ Sub-contractors

6.1 The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors. In case of sub-contracting, the Principal contractor shall be responsible for the adoption of IP by his sub-contractors and shall continue to remain responsible for any default by his sub-contractors.

6.2 The Principal will disqualify from the tender process all bidders who do not sign this pact or violate its provisions.

Section 7 – Criminal Charges against violating Bidders / Contractors / Sub-contractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 –Independent External Monitor(s)

8.1 The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

8.2 The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the CMD, BHEL.

8.3 The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all contract documentation of the Principal including that provided by the Bidder(s)/ Contractor(s). The Bidder(s)/ Contractor(s) will grant the monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his contract documentation. The same is applicable to Sub-contractor(s). The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s) / Sub-contractor(s) with confidentiality in line with Non-disclosure agreement.

8.4 The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the contract provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

8.5 The role of IEMs is advisory, would not be legally binding and it is restricted to resolving issues raised by an intending bidder regarding any aspect of the tender which allegedly restricts competition or bias towards some bidders. At the same time, it must be understood that IEMs are not consultants to the Management. Their role is independent in nature and the advice once tendered would not be subject to review at the request of the organization.

8.6 For ensuring the desired transparency and objectivity in dealing with the complaints arising out of any tendering process, the matter should be examined by the full panel of IEMs jointly as far as possible, who would look into the records, conduct an investigation, and submit their joint recommendations to the Management.

8.7 The IEMs would examine all complaints received by them and give their recommendations! views to CMD, BHEL, at the earliest. They may also send their report directly to the CVO and the Commission, in case of suspicion of serious irregularities requiring legal! administrative action. IEMs will tender their advice on the complaints within 10 days as far as possible.

8.8 The CMD, BHEL shall decide the compensation to be paid to the Monitor and its terms and conditions.

8.9 IEM should examine the process integrity, they are not expected to concern themselves with fixing of responsibility of officers. Complaints alleging mala fide on the part of any officer of the organization should be looked into by the CVO of the concerned organization.

8.10 If the Monitor has reported to the CMD, BHEL, a substantiated suspicion of an offence under relevant Indian Penal Code! Prevention of Corruption Act, and the CMD, BHEL has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.11 The number of Independent External Monitor(s) shall be decided by the CMD, BHEL.

8.12 The word 'Monitor' would include both singular and plural.

Section 9 – Pact Duration

9.1 This Pact shall be operative from the date IP is signed by both the parties till the final completion of contract for successful bidder and for all other bidders 6 months after the contract has been awarded. Issues like warranty! guarantee etc. should be outside the purview of IEMs.

9.2 If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified as above, unless it is discharged/ determined by the CMD, BHEL.

Section 10 – Other Provisions

10.1 This agreement is subject to Indian Laws and jurisdiction shall be registered office of the Principal, i.e. New Delhi.

10.2 Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

10.3 If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.

10.4 Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

10.5 Only those bidders/ contractors who have entered into this agreement with the Principal would be competent to participate in the bidding. In other words, entering into this agreement would be a preliminary qualification.

For & On behalf of the Principal
(Office Seal)

For & On behalf of the Bidder/ Contractor
(Office Seal)

Place-----

Date-----

Witness: _____
(Name & Address) _____

Witness: _____
(Name & Address) _____