

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

1. For any technical clarification, please contact Mr. Asif Rizvi, Manager (TBEM); Contact No. 0120-6748520; e-mail: asifrizvi@bhel.in/ayushi@bhel.in
2. For any commercial clarification, please contact Mr. Prateek Kumar, Manager (TBMM); Contact No. 0120- 6748480; e-mail: pkp@bhel.in
3. **Technical PQR – Enclosed in technical specification No. TB-418-552-001 Rev 00.**

4. Destination / Delivery Location:

a. 400/220kV AIS Neemuch New S/S, Madhya Pradesh

Neemuch Transmission Limited
400/220 Substation , Village- Badi, Tehsil-Singoli, District-Neemuch
(Madhya Pradesh), Pin code 458228

b. Extension of 400kV Chittorgarh S/S, Rajasthan

Neemuch Transmission Limited
765/400kV Chittorgarh Substation,
NH-76, Near Narayanpura Toll Plaza,
Chittorgarh - Udaipur Road, Village — Chhapri, Tehsil - Dungla
Chittorgarh, Rajasthan - 312024.
GSTIN: 08AAICN1852A1ZR

c. Extension of 400kV Mandsaur S/S , Madhya Pradesh

Neemuch Transmission Limited
400/220 kV MPPTCL substation, Village - Laduna, Tehsil- Sitamau,
District — Mandsaur, Pincode - 458990

5. **Vendor Approval-** Bidder's offer will be considered for evaluation based on PQR, Technical and other commercial documents submitted along with bid.

Bidder's offer will be acceptable subject to final acceptance of vendor by ultimate customer as approved supplier.

The bidders which are not PGCIL approved supplier or not including in POWERGRID compendium, bidder shall submit necessary credentials/documents as per Annexure-V for onward submission to customer for approval. Please note that this is not exhaustive list of documents, additional documents apart from above can be demanded for arranging customer approval.

Bidder's offer will be acceptable subject to final acceptance of vendor by ultimate customer as approved supplier.

6. Vendor to furnish "Quoted/Not Quoted" in unpriced bid given in Annexure-I.

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7. Delivery Requirement: Jun-2023. However, vendor to dispatch the material as per delivery plan mentioned in ACTIVITY SCHEDULE to meet the project requirement. In case, BHEL's delivery requirement is not met by vendor(s), then a chance may be given to all such vendors to review their quoted delivery schedule in line with BHEL's delivery requirement. However, if vendor fails to meet the requisite delivery plan, then BHEL reserves the right not to consider the offer of such vendor(s).

Tentatively Break up of delivery period: (Delay analysis for cases of delivery extension if required, shall be governed as per below schedule)-

SL.	ACTIVITY	ACTIVITY TIME IN WEEKS
1.	Input by BHEL from PO (In scope of BHEL)	01
2.	Submission of documents necessary for getting manufacturing clearance like Drawings, data sheet etc. from input by BHEL (In scope of vendor)	02
3.	Review and Approval of documents and issue of manufacturing clearance (In scope of BHEL)	03
4.	Manufacturing Time (In scope of vendor)	12
5.	Inspection (In scope of BHEL)	01
6.	Issue of MICC (In scope of BHEL)	01
7.	Dispatch and receipt of material (In scope of vendor)	02
7	ETC Work (Starting from clearance from site)	12

Note – 1 - Supplier to ensure every revised drawing/ document submission incorporating comments within 1 weeks from the date of comments by BHEL, else vendor delay shall be deducted from manufacturing time.

Deviation sheet to be filled by bidder:

Sl. No.	Description	Vendor to mention as NIL deviation, if applicable	Remarks if any
1.	Schedule of Commercial Deviation, if any (No other deviation except mentioned shall be applicable)	Nil Deviation	
2.	Schedule of Technical Deviation, if any (No other deviation except mentioned shall be applicable))	Nil Deviation	

8. **Reverse Auction – Bid to RA is applicable.**

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9. **Prices:** The quoted prices shall be on Firm basis. Price to be quoted as inclusive of GST. i.e. Ex-Works (Supply+ ETC + F&I) + GST on FOR destination basis.

There is no ETC work at Mandsaur S/s. Unloading and safe storage for Chittorgarh & Mandsaur S/s shall not be in bidder scope. Bidders to quote price accordingly.

10. Payment Terms

10.1 Supply Payment (For Neemuch and Chittorgarh Ss):-

- (a) 90% of payment within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows. Supplier has to provide the following documents for processing of bills:
- a) LR / GR duly endorsed by BHEL Site Official.
 - b) Material Receipt Certificate issued by BHEL Site Official/ CRAC.
 - c) GST Compliant Tax Invoice
 - d) Packing List (Case-wise)
 - e) Copy of Transit Insurance Certificate from underwriters.
 - f) Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management
 - g) Guarantee Certificate
 - h) Copy of Performance Bank Guarantee (PBG)
- (b) Balance 10% of payment within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) shall be made upon submission of complete invoice along with Certificate of successful completion of successful Erection, Testing & Commissioning and Certificate of completion of final documentation as per Technical Specification issued by BHEL Engineering Management.

10.2 Erection Testing and Commissioning payment (For Neemuch and Chittorgarh Ss):-

- i. 70% of the Contract value against monthly progressive bills on pro-rata basis for unloading, storage and completion of erection as certified by BHEL Site Official within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of GST Compliant Tax Invoice (Original +2 Copies)
- ii. 20% of the Contract value against monthly progressive bills on pro-rata basis for testing & successful commissioning as certified by BHEL Site Official within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of GST Compliant Tax invoice in 3 sets (original + 2 copies)
- iii. 10% of the Contract value after Acceptance Test, Re-test (if any), PG Test (if any) and Handing Over as certified by BHEL Site Official within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of GST Compliant Tax invoice in 3 sets (original + 2 copies)

10.3 Payment Terms (For Mandsaur Ss): -

- Supply Payment- 100% of payment within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows. Supplier has to provide the following documents for processing of bills:
- a) LR / GR duly endorsed by BHEL Site Official.
 - b) Material Receipt Certificate issued by BHEL Site Official/ CRAC.

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- c) GST Compliant Tax Invoice
- d) Packing List (Case-wise)
- e) Copy of Transit Insurance Certificate from underwriters.
- f) Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management
- g) Guarantee Certificate
- h) Copy of Performance Bank Guarantee (PBG)

Notes-

- (a) It should be ensured that Tax Invoice complies with statutory requirements under GST law to enable BHEL to avail Input Tax Credit.
- (b) Payment of GST component shall be made only if vendor has deposited the Tax and credit for the same is reflected in GSTN (GST Network)
- (c) Copy of GST Registration Certificate(s) shall be also be attached with Tax Invoice

11. **RXIL (TReDS) PLATFORM:** TBG is registered with RXIL (TReDS) platform. MSME Bidders are requested to get registered with RXIL (TReDS) platform to avail the facility as per the GOI guidelines.
12. **Local content** - For this procurement, the local content to categorize a supplier as class-I local supplier / class-II local supplier / Non-Local supplier and purchase preference to class-I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020, issued by DPIIT. In case of subsequent orders issued by the 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.

“This tender is not a global tender and only class-I suppliers as defined under the DPIIT order no. P-45021/2/2017-PP (BE-II) dated 04.06.2020 are eligible to bid in this tender. **Bids received from Class-II & Non-Local supplier shall be rejected.**”

13. Bidder to comply the below clause and submit the certification in their letter head. Non-compliance/ Non-submission of certification will lead to rejection of Offer.
- i. Compliance to GOI Order for restrictions under Rule 144 (xi) of General Financial Rules (GFRs), 2017 (enclosed in Annexure-II)
 - ii. MOP circular dated 02-07-2020 (Annexure-III)
 - iii. Make in India Format as Annexure-IV

14. **GUARANTEE:**

The contractor shall guarantee that the equipment being supplied under this contract shall be new and of first quality workmanship and equipment / material supplied and services rendered (if applicable) shall be guaranteed to be free from all defects and faults in design & engineering, material, workmanship & manufacture and in full conformity with the Purchase Order / Contract, Technical Specifications & approved drawings / data sheets, if any, for 18 calendar months from the date of last delivery or Twelve (12) months from the date of Taking Over/Completion of Facilities, whichever is later. Taking over date as on date is 22 December 2023.

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The defective equipment / material / component shall be replaced free of cost at site. Freight & Insurance during transit shall also be in the scope of the supplier / contractor. Any expenditure for dismantling and re-erection of the replaced equipment / material / component shall be to supplier's / contractor's account. All replacements during the guarantee period shall be delivered at site promptly and satisfactorily within a period not more than 45 days from the date of reporting the defect / rejection etc.

In the event of the supplier / contractor failing to replace the defective equipment / material / component within the time period mentioned above, BHEL may proceed to undertake the replacement of such defective equipment / material / component at the risk and cost of the supplier / contractor without prejudice to any other rights under the contract and recover the same from PBG / other dues of this Purchase Order / Contract or any other Purchase Order / Contract executed by the supplier / contractor.

15. Performance Bank Guarantee:

In addition to GeM GTC clause, following terms and condition shall be applicable:

Supplier shall arrange to submit Performance BG along with first invoice. Performance BG shall be valid till guarantee period with claim period of 3 months extra over and above.

"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 and conditions defined in NIT / Contract, from the bills along with due interest."

Note: If no option is specified by the bidder, by default option – B for Bank Guarantee shall be considered. BG should be submitted on non-judicial stamp paper of appropriate value by the supplier along with first submission of bill to BHEL

16. Liquidation Damage- Applicable as per GEM GTC. However, calculation of LD for Supply and Services shall be done separately.

17. RISK PURCHASE

1.1. In case the Supplier / Contractor fails to supply or fails to comply with terms & conditions of the Purchase Order / Contract or delivers equipment / material not of the contracted quality or fails to adhere to the contract specifications or fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery / completion period to justify that supplies shall be inordinately delayed beyond contractual delivery / completion period, BHEL reserve the right to cancel the Purchase Order / Contract either in whole or in part thereof without compensation to Supplier / Contractor and if BHEL so desires, may procure such equipment / material / items not delivered or others of similar description where equipment / material / items exactly complying with particulars are not readily procurable in the opinion of BHEL which is final and in such manner as deemed appropriate,

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at the risk and cost of the Supplier / Contractor and the Supplier / Contractor shall be liable to BHEL for any excess cost to BHEL. However, the Supplier / Contractor shall continue execution of the Purchase Order / Contract to the extent not cancelled under the provisions of this clause.

1.2. Risk & Cost Clause, in line with Conditions of Contract may be invoked in any of the following cases:
i) Contractor/ supplier's poor progress of the work vis-à-vis execution timeline as stipulated in the Contract, backlog attributable to contractor/ supplier including unexecuted portion of work/ supply does not appear to be executable within balance available period considering its performance of execution.

ii) Withdrawal from or abandonment of the work by contractor/supplier before completion as per contract.

iii) Non completion of work/ Non-supply by the Contractor/ supplier within scheduled completion/delivery period as per Contract or as extended from time to time, for the reasons attributable to the contractor/ supplier.

iv) Termination of Contract on account of any other reason(s) attributable to Contractor/ Supplier.

v) Assignment, transfer, subletting of Contract without BHEL's written permission resulting in termination of Contract or part thereof by BHEL.

vi) Non-compliance to any contractual condition or any other default attributable to Contractor/ Supplier.

1.3. Risk and Cost amount against Balance Work:

In case Risk & Cost is invoked, the amount of Risk & Cost against balance work shall be calculated as under:

$$\text{Risk \& Cost Amount} = [(A-B) + (A \times H/100)]$$

Where,

A= Value of Balance scope of Work/ Supply (*) as per rates of new contract

B= Value of Balance scope of Works/ Supply (*) as per rates of old contract being paid to the contractor/ supplier at the time of termination of contract i.e. inclusive of PVC & ORC, if any.

H = Overhead Factor to be taken as 5 (five)

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

***(Balance scope of work/ supply)**

Difference of Contract Quantities and Executed Quantities as on the date of issue of Letter for 'Termination of Contract', shall be taken as balance scope of Work / Supply for calculating risk & cost amount.

Contract quantities are the quantities as per original contract. If, Contract has been amended, quantities as per amended Contract shall be considered as Contract Quantities.

Items for which total quantities to be executed have exceeded the Contract Quantities based on drawings issued to contractor from time to time till issue of Termination letter, then for these items total Quantities as per issued drawings would be deemed to be contract quantities.

Substitute/ extra items whose rates have already been approved would form part of contract quantities for this purpose. Substitute/ extra items which have been executed but rates have not been approved,

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would also form part of contract quantities for this purpose and rates of such items shall be determined in line with contractual provisions.

However, increase in quantities on account of additional scope in new tender shall not be considered for this purpose.

NOTE: In case portion of work is being withdrawn, contract quantities pertaining to portion of work withdrawn shall be considered as 'Balance scope of work/supply' for calculating Risk & Cost amount.

1.4 LD against delay in executed work/supply in case of Termination of Contract

LD against delay in executed Work /Supply shall be calculated in line with LD clause of the contract for the delay attributable to contractor/ supplier. For this purpose, contract value shall be taken as Executed Value of work/supply for the purpose of limiting maximum LD value.

Method for calculation of "LD against delay in executed Work/ supply" is given below:

- i) Let the time period from scheduled date of start of work till termination of contract excluding the period of Hold (if any) not attributable to contractor/ supplier= T1
- ii) Let the value of executed work/ supply till the time of termination of contract= X
- iii) Let the Total Executable Value of work/ supply for which inputs/fronts were made available to contractor/ supplier and were planned for execution till termination of contract = Y
- iv) Delay in executed work/ supply attributable to contractor/supplier i.e. $T2 = (1 - X/Y) \times T1$
- v) LD shall be calculated in line with LD clause of the Contract for the delay attributable to contractor/ supplier taking "X" as Contract Value and "T2" as delay attributable to contractor/ supplier.

Note: In case portion of service/ supply is withdrawn, no LD shall be applicable for portion of service/ supply withdrawn.

1.5. Recovery from Supplier-

Any amount payable by the Supplier / Contractor under any of the condition of this contract shall be liable to be adjusted against any amount payable to the Supplier / Contractor under any other purchase Order / Contract awarded to him by any BHEL unit. This is without prejudice to any other action, as may be deemed fit, by BHEL.

16. BUSINESS ETHICS / SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS / CONTRACTORS:

If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution, indulges in malpractices cheating, bribery, fraud or other misconduct or formation of cartel so as to influence the bidding process or influences the price or fails to perform or is in default without any reasonable cause etc or performs any act considered objectionable as per extant guidelines, action may be taken against such bidders/supplier/contractor as per extant Guidelines for Suspension of Business Dealings with Suppliers/Contractors". Abridged version of same is available at BHEL website (www.bhel.com) on "Supplier Registration" Page.

17. Bill to Address: -

Bharat Heavy Electricals Limited-TBG, Sector-16A, Noida-201301, U.P. GSTN-09AAACB4146P2ZC

Bidder to mention their works address below from where material will be supplied

Works Address-----

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Annexure-I (Unpriced BOQ)

Item Title	Item Description	Item Quantity	Unit of Measure	Bidder to confirm (Quoted/Not Quoted*)	GST %
1.	Supply Neemuch- MOTOR DRIVEN PUMP 410 M3/HR	No.	1		
2.	Supply Neemuch- JOCKEY PUMP 10.8 M3/HR	No.	2		
3.	Supply Neemuch- DIESEL DRIVEN PUMP 410 M3/HR	No.	1		
4.	Supply Neemuch- M S PIPE 300NB (FE410 GRADE)	m	40		
5.	Supply Neemuch- M S PIPE 250NB (FE410 GRADE)	m	480		
6.	Supply Neemuch- MS ERW PIPE 150NB (MEDIUM GRADE)	m	42		
7.	Supply Neemuch- MS ERW PIPE 100NB (MEDIUM GRADE)	m	250		
8.	Supply Neemuch- MS ERW PIPE 80NB (MEDIUM GRADE)	m	86		
9.	Supply Neemuch- MS ERW PIPE 50NB (MEDIUM GRADE)	m	18		
10.	Supply Neemuch- WRAPING & COATING MATERIAL	sq.m	50		
11.	Supply Neemuch- PYLON PIPE 80NB (LIGHT GRADE)	m	54		
12.	Supply Neemuch- PYLON PIPE 65NB (LIGHT GRADE)	m	258		
13.	Supply Neemuch- PYLON PIPE 50NB (LIGHT GRADE)	m	138		
14.	Supply Neemuch- GI PIPE 150NB (MEDIUM GRADE)	m	42		
15.	Supply Neemuch- GI PIPE 100NB (MEDIUM GRADE)	m	30		
16.	Supply Neemuch- GI PIPE 80NB (MEDIUM GRADE)	m	2		
17.	Supply Neemuch- GI PIPE 65NB (MEDIUM GRADE)	m	276		
18.	Supply Neemuch- GI PIPE 50NB (MEDIUM GRADE)	m	270		
19.	Supply Neemuch- GI PIPE 32NB (MEDIUM GRADE)	m	60		
20.	Supply Neemuch- GI PIPE 25NB (MEDIUM GRADE)	m	756		
21.	Supply Neemuch- GATE VALVE 300NB	No.	6		
22.	Supply Neemuch- GATE VALVE 250NB	No.	6		

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23.	Supply Neemuch- GATE VALVE 150NB	No.	6		
24.	Supply Neemuch- GATE VALVE 100NB	No.	13		
25.	Supply Neemuch- GATE VALVE 80NB	No.	2		
26.	Supply Neemuch- GATE VALVE 50NB	No.	5		
27.	Supply Neemuch- FLOAT OPERATED GATE VALVE	No.	2		
28.	Supply Neemuch- DELUGE VALVE - 150NB	No.	2		
29.	Supply Neemuch- DELUGE VALVE - 100NB	No.	1		
30.	Supply Neemuch- SOLENOID VALVE	No.	3		
31.	Supply Neemuch- NON RETURN VALVE - 250NB	No.	2		
32.	Supply Neemuch- NON RETURN VALVE - 50NB	No.	2		
33.	Supply Neemuch- PRESSURE RELIEF VALVE	No.	1		
34.	Supply Neemuch- BASKET TYPE STRAINER - 300NB	No.	2		
35.	Supply Neemuch- Y-TYPE STRAINER - 150NB	No.	2		
36.	Supply Neemuch- Y-TYPE STRAINER - 100NB	No.	1		
37.	Supply Neemuch- HVW SPRAY NOZZLE	No.	329		
38.	Supply Neemuch- Q.B DETECTOR	No.	192		
39.	Supply Neemuch- LEVEL SWITCH FOR WATER TANK	No.	2		
40.	Supply Neemuch- LEVEL INDICATOR FOR WATER TANK	No.	2		
41.	Supply Neemuch- LEVEL SWITCH FOR DIESEL TANK	No.	2		
42.	Supply Neemuch- LEVEL INDICATOR FOR DIESEL TANK	No.	2		
43.	Supply Neemuch- PRESSURE SWITCH	No.	15		
44.	Supply Neemuch- PRESSURE GAUGE	No.	5		
45.	Supply Neemuch- AIR VESSEL	No.	1		
46.	Supply Neemuch- SINGLE HEADED HYDRANT VALVE-EXTERNAL	No.	12		
47.	Supply Neemuch- HOSE BOX-EXTERNAL	No.	12		
48.	Supply Neemuch- HOSE PIPE - 15M LONG	No.	24		

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49.	Supply Neemuch- BRANCH PIPE WITH NOZZLE	No.	12		
50.	Supply Neemuch- IONISATION DETECTOR	No.	30		
51.	Supply Neemuch- HEAT DETECTOR	No.	2		
52.	Supply Neemuch- RESPONSE INDICATOR	No.	10		
53.	Supply Neemuch- MANUAL CALL POINT	No.	8		
54.	Supply Neemuch- CONVENTIONAL HOOTER	No.	6		
55.	Supply Neemuch- 2CX1.5 SQMM UNARMoured CONTROL CABLE FOR FIRE DETECTION AND ALARM PANEL	m	924		
56.	Supply Neemuch- ANNUNCIATION PANEL AT PUMP HOUSE	No.	1		
57.	Supply Neemuch- LOCAL CONTROL PANEL FOR HYDRANT/HVWS SYSTEM FOR MOTOR DRIVEL PUMP	No.	1		
58.	Supply Neemuch- LOCAL CONTROL PANEL FOR HYDRANT/HVWS SYSTEM FOR DIESEL DRIVEL PUMP	No.	1		
59.	Supply Neemuch- LOCAL CONTROL PANEL FOR JOCKEY PUMP	No.	1		
60.	Supply Neemuch- ACDB FOR FIRE FIGHTING PUMP HOUSE	No.	1		
61.	Supply Neemuch- DCDB FOR FIRE FIGHTING PUMP HOUSE	No.	1		
62.	Supply Neemuch- LOCAL CONTROL PANEL FOR DELUGE VALVE	No.	3		
63.	Supply Neemuch- ANNUNCIATION CUM FIRE ALARM PANEL IN CONTROL ROOM	No.	1		
64.	Supply Neemuch- JUNCTION BOX WITH MINIMUM 5 NOS. TB	No.	4		
65.	Supply Neemuch- JUNCTION BOX WITH MINIMUM 20 NOS. TB	No.	3		
66.	Supply Neemuch- WATER TYPE FIRE EXTINGUISHER 9L	No.	6		
67.	Supply Neemuch- PORTABLE CO2 TYPE FIRE EXTINGUISHERS 4.5 KG CAPACITY	No.	15		
68.	Supply Neemuch- MECHANICAL FOAM TYPE EXTINGUISHER - 60 LITER	No.	2		
69.	Supply Neemuch- PORTABLE DRY CHEMICAL POWDER CYLINDRICAL SHAPE FIRE EXTINGUISHER 5 KG CAPACITY	No.	5		
70.	Spare Neemuch- IONISATION DETECTOR	No.	4		

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71.	Spare Neemuch- PRESSURE GAUGE	No.	1		
72.	Spare Neemuch- PRESSURE SWITCH	No.	1		
73.	ETC Neemuch- MOTOR DRIVEN PUMP 410 M3/HR	No.	1		
74.	ETC Neemuch- JOCKEY PUMP 10.8 M3/HR	No.	2		
75.	ETC Neemuch- DIESEL DRIVEN PUMP 410 M3/HR	No.	1		
76.	ETC Neemuch- M S PIPE 300NB (FE410 GRADE)	m	40		
77.	ETC Neemuch- M S PIPE 250NB (FE410 GRADE)	m	480		
78.	ETC Neemuch- MS ERW PIPE 150NB (MEDIUM GRADE)	m	42		
79.	ETC Neemuch- MS ERW PIPE 100NB (MEDIUM GRADE)	m	250		
80.	ETC Neemuch- MS ERW PIPE 80NB (MEDIUM GRADE)	m	86		
81.	ETC Neemuch- MS ERW PIPE 50NB (MEDIUM GRADE)	m	18		
82.	ETC Neemuch- WRAPING & COATING MATERIAL	sq.m	50		
83.	ETC Neemuch- PYLON PIPE 80NB (LIGHT GRADE)	m	54		
84.	ETC Neemuch- PYLON PIPE 65NB (LIGHT GRADE)	m	258		
85.	ETC Neemuch- PYLON PIPE 50NB (LIGHT GRADE)	m	138		
86.	ETC Neemuch- GI PIPE 150NB (MEDIUM GRADE)	m	42		
87.	ETC Neemuch- GI PIPE 100NB (MEDIUM GRADE)	m	30		
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89.	ETC Neemuch- GI PIPE 65NB (MEDIUM GRADE)	m	276		
90.	ETC Neemuch- GI PIPE 50NB (MEDIUM GRADE)	m	270		
91.	ETC Neemuch- GI PIPE 32NB (MEDIUM GRADE)	m	60		
92.	ETC Neemuch- GI PIPE 25NB (MEDIUM GRADE)	m	756		
93.	ETC Neemuch- GATE VALVE 300NB	No.	6		
94.	ETC Neemuch- GATE VALVE 250NB	No.	6		
95.	ETC Neemuch- GATE VALVE 150NB	No.	6		
96.	ETC Neemuch- GATE VALVE 100NB	No.	13		

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Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

97.	ETC Neemuch- GATE VALVE 80NB	No.	2		
98.	ETC Neemuch- GATE VALVE 50NB	No.	5		
99.	ETC Neemuch- FLOAT OPERATED GATE VALVE	No.	2		
100.	ETC Neemuch- DELUGE VALVE - 150NB	No.	2		
101.	ETC Neemuch- DELUGE VALVE - 100NB	No.	1		
102.	ETC Neemuch- SOLENOID VALVE	No.	3		
103.	ETC Neemuch- NON RETURN VALVE - 250NB	No.	2		
104.	ETC Neemuch- NON RETURN VALVE - 50NB	No.	2		
105.	ETC Neemuch- PRESSURE RELIEF VALVE	No.	1		
106.	ETC Neemuch- BASKET TYPE STRAINER - 300NB	No.	2		
107.	ETC Neemuch- Y-TYPE STRAINER - 150NB	No.	2		
108.	ETC Neemuch- Y-TYPE STRAINER - 100NB	No.	1		
109.	ETC Neemuch- HVW SPRAY NOZZLE	No.	329		
110.	ETC Neemuch- Q.B DETECTOR	No.	192		
111.	ETC Neemuch- LEVEL SWITCH FOR WATER TANK	No.	2		
112.	ETC Neemuch- LEVEL INDICATOR FOR WATER TANK	No.	2		
113.	ETC Neemuch- LEVEL SWITCH FOR DIESEL TANK	No.	2		
114.	ETC Neemuch- LEVEL INDICATOR FOR DIESEL TANK	No.	2		
115.	ETC Neemuch- PRESSURE SWITCH	No.	15		
116.	ETC Neemuch- PRESSURE GAUGE	No.	5		
117.	ETC Neemuch- AIR VESSEL	No.	1		
118.	ETC Neemuch- SINGLE HEADED HYDRANT VALVE- EXTERNAL	No.	12		
119.	ETC Neemuch- HOSE BOX-EXTERNAL	No.	12		
120.	ETC Neemuch- HOSE PIPE - 15M LONG	No.	24		
121.	ETC Neemuch- BRANCH PIPE WITH NOZZLE	No.	12		
122.	ETC Neemuch- IONISATION DETECTOR	No.	30		

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
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PI Number: 1712300775-777 dated 04.02.2023

123.	ETC Neemuch- HEAT DETECTOR	No.	2		
124.	ETC Neemuch- RESPONSE INDICATOR	No.	10		
125.	ETC Neemuch- MANUAL CALL POINT	No.	8		
126.	ETC Neemuch- CONVENTIONAL HOOTER	No.	6		
127.	ETC Neemuch- 2CX1.5 SQMM UNARMoured CONTROL CABLE FOR FIRE DETECTION AND ALARM PANEL	m	924		
128.	ETC Neemuch- ANNUNCIATION PANEL AT PUMP HOUSE	No.	1		
129.	ETC Neemuch- LOCAL CONTROL PANEL FOR HYDRANT/HVWS SYSTEM FOR MOTOR DRIVEL PUMP	No.	1		
130.	ETC Neemuch- LOCAL CONTROL PANEL FOR HYDRANT/HVWS SYSTEM FOR DIESEL DRIVEL PUMP	No.	1		
131.	ETC Neemuch- LOCAL CONTROL PANEL FOR JOCKEY PUMP	No.	1		
132.	ETC Neemuch- ACDB FOR FIRE FIGHTING PUMP HOUSE	No.	1		
133.	ETC Neemuch- DCDB FOR FIRE FIGHTING PUMP HOUSE	No.	1		
134.	ETC Neemuch- LOCAL CONTROL PANEL FOR DELUGE VALVE	No.	3		
135.	ETC Neemuch- ANNUNCIATION CUM FIRE ALARM PANEL IN CONTROL ROOM	No.	1		
136.	ETC Neemuch- JUNCTION BOX WITH MINIMUM 5 NOS. TB	No.	4		
137.	ETC Neemuch- JUNCTION BOX WITH MINIMUM 20 NOS. TB	No.	3		
138.	ETC Neemuch- WATER TYPE FIRE EXTINGUISHER 9L	No.	6		
139.	ETC Neemuch- PORTABLE CO2 TYPE FIRE EXTINGUISHERS 4.5 KG CAPACITY	No.	15		
140.	ETC Neemuch- MECHANICAL FOAM TYPE EXTINGUISHER - 60 LITER	No.	2		
141.	ETC Neemuch- PORTABLE DRY CHEMICAL POWDER CYLINDRICAL SHAPE FIRE EXTINGUISHER 5 KG CAPACITY	No.	5		
142.	ETC Neemuch- Laying of 3CX2.5 sqmm Armoured cable	meter	300		
143.	ETC Neemuch- Laying of 2CX6 sqmm Armoured cable	meter	1000		
144.	ETC Neemuch- Laying of 5CX2.5 sqmm Armoured cable	meter	900		

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
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145.	ETC Neemuch- Laying of 10CX2.5 sqmm Armoured cable	meter	1500		
146.	Supply CHITTORGARH- 2CX1.5 SQMM UNARMoured CONTROL CABLE FOR FIRE DETECTION AND ALARM PANEL	m	20		
147.	Supply CHITTORGARH- IONISATION DETECTOR	No.	2		
148.	Supply CHITTORGARH- MANUAL CALL POINT	No.	1		
149.	Supply CHITTORGARH- CONVENTIONAL HOOTER	No.	1		
150.	Supply CHITTORGARH- JUNCTION BOX WITH MINIMUM 5 NOS. TB	Nos.	1		
151.	Supply CHITTORGARH- ZONE CONTROL CARD/MODULE	Nos.	2		
152.	Supply CHITTORGARH- PORTABLE CO2 TYPE FIRE EXTINGUISHERS 4.5 KG CAPACITY	Nos.	1		
153.	Spare CHITTORGARH- IONISATION DETECTOR	No.	4		
154.	ETC CHITTORGARH- 2CX1.5 SQMM UNARMoured CONTROL CABLE FOR FIRE DETECTION AND ALARM PANEL	m	20		
155.	ETC CHITTORGARH- IONISATION DETECTOR	No.	2		
156.	ETC CHITTORGARH- MANUAL CALL POINT	No.	1		
157.	ETC CHITTORGARH- CONVENTIONAL HOOTER	No.	1		
158.	ETC CHITTORGARH- JUNCTION BOX WITH MINIMUM 5 NOS. TB	Nos.	1		
159.	ETC CHITTORGARH- ZONE CONTROL CARD/MODULE	Nos.	2		
160.	ETC CHITTORGARH- PORTABLE CO2 TYPE FIRE EXTINGUISHERS 4.5 KG CAPACITY	Nos.	1		
161.	ETC CHITTORGARH- Laying of 5CX2.5 sqmm cable	meter	225		
162.	Supply Mandsaur- SAND BUCKET	Set	1		
163.	Supply Mandsaur- CO2 TYPE EXTINGUISHER - 22.5 KG	No.	2		
164.	Supply Mandsaur- MECHANICAL FOAM TYPE FIRE EXTINGUISHER TROLLEY MOUNTED 50L CAPACITY	No.	2		
165.	Supply Mandsaur- TROLLEY MOUNTED DRY CHEMICAL POWDER CYLINDRICAL SHAPE FIRE EXTINGUISHER 75 KG CAPACITY	No.	1		

Note: For detailed description or Mandatory Spare/Tools & Tackles, please refer technical specification.

***If Bidder mention "Not quoted" it means bidder shall supply the item free of cost to BHEL.**

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

Annexure-II

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

Sub: Compliance to Government of India order OM No.6/18/2019-PPD dated 23.07.2020 regarding restrictions under Rule 144 (XI) of the General Financial Rules (GFRs), 2017

SI No.	Description	Bidder's confirmation
1	<i>We, M/s_____have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; We hereby certify that we are not from such a country.</i>	<i>Agreed</i>

(Note: Non-compliance of above said GoI Order and its subsequent amendment, (if any), by any bidder(s) shall lead for commercial rejection of their bids by BHEL)

Bidder's authorized signatory with stamp & seal

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

Vendor Compliance format in bidder letter head

In view of order No. 25-111612018-PG, Dated 02.07.2020 of Ministry of Power, GOI

Enquiry No/ PO No & Date :
Project :
Name of items/Package :

This is to certify that all equipment, components, and parts imported for use in the Power Supply System and Network are in strict compliance to directions issued by Ministry of Power, Govt. of India vide order No. 25-111612018-PG dated 02.07.2020. The imported component(s), part or assembly item(s) does not carry any malware/Trojan etc.

Note: Non-compliance of MoP Order and its subsequent amendment(s), (if any), by vendor shall lead to rejection of their offer or cancellation of contract, which is awarded by BHEL.

Bidder's authorized signatory
with stamp & seal

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

Item/Package Name :	Fire Fighting System
Enquiry No.:	
Project:	POWERGRID (Neemuch-Chittorgarh-Mandsaur Ss SS)
Type of project	
Percentage of Local Content	(Bidder to enter the applicable % of local content)

Format of Self certification regarding Local Content in line with PPP-MII order, 2017 & its revision dated 04.06.2020.

Date:.....

I _____ S/o, D/o, W/o, _____ Resident of _____ hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 (*hereinafter PPP-MII order*) of Government of India issued vide Notification No: P-45021/2/2017-BE-II dated 15/06/2017, its revision dated 04/06/2020 and any subsequent modifications/Amendments, if any.

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring entity/BHEL or any other Government authority for the purpose of assessing the local content of goods/services/works supplied by me for
(Enter the name of the Equipment/Item for Project).

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

That the goods/services/works supplied by me for **(Enter the name of the Equipment/Item for Project)** contains.....% **(mention the Local content in %age)** Local Content.

That the value addition for the purpose of meeting the 'Minimum Local Content' has been made by me at **(Enter the details of the location(s) at which value addition is made).**

That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed supplier class categorization criteria as per said order, based on the assessment of procuring agency (ies)/BHEL/Government Authorities for the purpose of assessing the local content, action shall be taken against me in line with the PPP-MII order and provisions of the Integrity pact/ Bidding Documents.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority.

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
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PI Number: 1712300775-777 dated 04.02.2023

- i. Name and details of the Local Supplier
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued
- iii. Goods/services/works for which the certificate is produced
- iv. Procuring entity to whom the certificate is furnished
- v. Percentage of local content claimed and whether it meets the Minimum Local Content prescribed
- vi. Name and contact details of the unit of the Local Supplier (s)
- vii. Sale Price of the product
- viii. Ex-Factory Price of the product
- ix. Freight, insurance and handling
- x. Total Bill of Material
- xi. List and total cost value of input used to manufacture the Goods/to provide services/in construction of works
- xii. List and total cost of input which are domestically sourced. Value addition certificates from suppliers, if the input is not in-house to be attached
- xiii. List and cost of inputs which are imported, directly or indirectly

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

Project: PGCIL Neemuch-Chittorgarh-Mandsaur Ss
Customer: POWERGRID NEEMUCH TRANSMISSION SYSTEM LIMITED
Item : Fire Fighting System [Supply + ETC]
Subject: Bid specific Additional Terms and Conditions
PI Number: 1712300775-777 dated 04.02.2023

Assessment report from Contractor for proposed sub-vendor along with following enclosures (to the extent available):

1. Registration / License of the works
2. Organization chart with name and qualification of key persons
3. List of Plant and Machinery.
4. List of testing equipment with their calibration status.
5. List of Raw material, bought out items with sourcing details
6. List of out-sourced services with sourcing details.
7. List of supply in last three years.
8. Third party approval, if any (viz. ISO, BIS),
9. Pollution clearance wherever applicable
10. Energy Conservation & Efficiency report
(Applicable to industries having contract load more than 100 KVA)
11. Formats for RM, in process and acceptance testing
12. Type test approvals conducted in last 5 years, if applicable
13. Performance Certificates from customers
14. Photographs of factory, plant and machinery & testing facilities