

- 1. Clause no. 1.2 of BHEL/TBG/GTC/2016 Rev.01**– (Offer Submission/ Opening Time)
Offer Submission Time: **15:00 Hrs IST**,
Offer Opening Time: **17:30 Hrs IST**
The critical Dates of tendering activities shall be provided separately during tendering processes.
Address of tender Issuing Authority: -
BHARAT HEAVY ELECTRICALS LIMITED (TRANSMISSION BUSINESS GROUP),
10TH Floor, Plot no.: - C-20, 1A/1, Joy towers, C Block, Phase 2, Industrial Area, Sector-62, Noida, Distt. Gautambudh Nagar, UP-201309
- 2. Clause No. 1.3 of BHEL/TBG/GTC/2016 Rev.01**– Tender is invited through e-Procurement System only. The bidder shall submit their bid through e-Procurement platform only at (<https://eprocurebhel.co.in/>).
Bidders participating through e-procurement portal for this tender should have Class-III Digital Signature Certificate (DSC) for Signing & Encryption of bids issued by any of the valid Certifying Authorities (approved by Controller of Certifying Authorities) in India.
- 3. Clause No. 1.7 of BHEL/TBG/GTC/2016 Rev.01**– For any technical clarification, please contact Ms. Ayushi Jindal, Sr. Engineer (TBEM); Contact No. 0120-6748459; e-mail: ayushi@bhel.in
- 4. Clause No. 1.8 of BHEL/TBG/GTC/2016 Rev.01**- For any commercial clarification, please contact Mr. Prateek Kumar, Dy. Manager (TBMM); Contact No. 0120- 6748480; e-mail: pkp@bhel.in
- 5. Clause No. 2.1 of BHEL/TBG/GTC/2016 Rev.01**- The prices as quoted in price schedule shall be on **Firm basis**.
- 6. Clause No. 2.2 of BHEL/TBG/GTC/2016 Rev.01**- Price shall be quoted in INR inclusive of all taxes, duties, Levies, Octroi, all other taxes /duties etc. in India except GST. GST as applicable shall be extra.
- 7. Clause No. 2.3 of BHEL/TBG/GTC/2016 Rev.01**–
The prices are to be quoted on FOR (Site / Destination) basis.
a) Ex-works Price: Ex-works price including packing & forwarding charges.
b) Freight: Freight for door delivery up to destination / site / store are to be quoted separately.
c) Insurance: Insurance for door delivery up to destination / site / store are to be quoted separately.
d) Charges for Supervision of Erection, Testing & Commissioning (ETC) at Site: To be quoted separately.
Note:
Custom duty, custom’s clearance, unloading at BHEL’s destination in Nepal etc. of supply portion shall be in scope of BHEL. Bidder should ensure that proper documents are provided to BHEL in advance.
- 8. Clause No. 3 of BHEL/TBG/GTC/2016 Rev.01** –
[A] Payment Terms (Supply): Supplier to submit bills along with billing checklist as per Annexure-I
a) 95% of payment along with 100% GST & F&I 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:
·LR / GR duly endorsed by BHEL Site Official.

- Material Receipt Certificate issued by BHEL Site Official.
- GST Compliant Tax Invoice
- Packing List (Case-wise)
- . Copy of Transit Insurance Certificate from underwriters.
- Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management
- Guarantee Certificate
- Copy of Performance Bank Guarantee (PBG)
- Certificate of acceptance of Type Test Reports issued by BHEL Engineering Management (if applicable)

b) Balance 5% 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:

- Certificate of successful completion of Supervision of Erection, Testing & Commissioning at Site if it is in the scope of the supplier.
- Certificate of completion of final documentation as per Purchase Order / Technical Specification issued by BHEL Engineering Management

[B] Payment Terms (Supervision of Erection, Testing & Commissioning at Site): Supplier to submit bills along with billing checklist as per Annexure-III

100% payment along with applicable GST within 90 days (45 days for MSE-Micro & small and 60days for MSME-Medium) from the date of receipt of complete GST compliant Tax invoice along with certificate of successful completion of Supervision of Erection, Testing & Commissioning at Site issued by BHEL Site Official / Construction Management in 3 sets (Original+ 2 copies).

Note:

(i) It should be ensured that Tax Invoice complies with statutory requirements under applicable law to enable BHEL to avail Input Tax Credit. If BHEL is unable to avail the input credit of tax paid by vendor due to any fault not attributable to BHEL, the same shall be recoverable from vendor.

9. PRE-QUALIFICATION REQUIREMENT- Technical Pre-Qualifying Criteria is specified in NIT (technical specificationI). The bidder must ensure that they are meeting the PQR (Technical) and should submit all the requisite credentials as per PQR.

10. Project Status: EXPORT. Supply portion shall be governed as per notification 41/2017 of IGST (Rate) dated 23.10.2017

11. Guarantee-Supply-(Clause-5 of BHEL/TBG/GTC/2016 Rev.01):

The equipment / material supplied 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 months from the date of last delivery or 18 months from 06.07.2022 whichever is later.

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.

- 12. Clause-7 of BHEL/TBG/GTC/2016 Rev.01 (PBG validity):** Supplier shall arrange to submit PBG for 10% of the total Ex-works value (excl. Supervision charges), valid up to Guarantee period with claim period of 3 months extra over and above. Ex-works PO value (excl. Supervision charges) at the time of placement of PO shall be considered for calculation of the PBG amount.

“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. PBG for Main supply items, Spares shall be submitted separately.

BG should be submitted on non-judicial stamp paper of appropriate value by the supplier not later than submission of first bill to BHEL.

- 13. Delivery Period-(Clause-12 of BHEL/TBG/GTC/2016 Rev.01)-** Delivery Requirement: Sep-2022. 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)	02
4.	Manufacturing Time including proto testing (In scope of vendor)	12
5.	Inspection (In scope of BHEL)	01
6.	Issue of MICC (In scope of BHEL)	01
7.	Dispatch (In scope of vendor)	01
7	ETC Work (Starting from clearance from site)	12

Note – 1 - Supplier to ensure every revised submission incorporating comments within 1 weeks from the date of comments by BHEL.

Deviation sheet to be filled by bidder:

Sl. No.	Description	Vendor to mention as NIL deviation	Remarks if any
1.	Schedule of Commercial Deviation, if any (All terms and conditions shall be as per GeM except as mentioned above)		
2.	Schedule of Technical Deviation, if any (Against Technical Specification)		

14. Liquidated Damage for Supply (Clause no. 13 of BHEL/TBG/GTC/2016 Rev.01):

Liquidated Damage for Supply (Clause no. 13 of BHEL/TBG/GTC/2016 Rev.01): In case of delay in execution of Purchase Order beyond the contractual delivery time, an amount of 0.5% of the total PO Ex-Works value & F & I Charges for supply per week of delay or part thereof subject to a maximum of 10% of the total PO Ex-Works value & F & I Charges shall be deducted as Liquidated Damages (LD) along with applicable GST (if any) on LD.

15. Clause No. 33 of BHEL/TBG/GTC/2016 Rev.01 for Reverse Auction of NIT: Reverse Auction applicable for this tender. "BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among all the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered as initial bids of bidders in 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." Abridged Version of "Guidelines for Reverse Auction-2021" may also be seen at BHEL website (www.bhel.com) on "Supplier Registration" Page.

16. Clause No. 34 of BHEL/TBG/GTC/2016 Rev.01: Integrity Pact: Not Applicable

17. Technical Specification- TB-405-552-002 Rev 00. No permissible Technical Deviation has been envisaged. Bidders to quote as per Technical Specification.

18. Evaluation Criteria:

(a) Comparative statement shall be prepared and evaluated on total cost basis at destination/site (as per terms of NIT) considering overall quantity after considering input credit for GST to BHEL.

(b) Evaluation in case of more than one L-1 bidders.

In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discount from respective L-1. 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 respective L-1 bidder(s) or their representative(s).

(c) Ranking will be done accordingly. BHEL decision in such situations shall be final and binding.

19. Make in India (PPP-MII):

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.

"Bidder to specify the percentage of local content as per the format of self-declaration for local content" as per Annexure-IV."

"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 and subsequent orders are eligible to bid in this tender. Bids received from Class II & Non-Local supplier shall be rejected."

20. Compliance to GOI Order for restrictions under Rule 144 (xi) of General Financial Rules (GFRs), 2017.

Refer Clause at Annexure-II and Certification at Annexure-II / Annexure-III (whichever is applicable) regarding restrictions under Rule 144 (xi) of General Financial Rules (GFRs), 2017. Bidder to comply the clause and submit the certification. Non-compliance/ Non-submission of certification will lead to rejection of Offer.

21. MOP Circular:

Bidder to comply the MOP circular dated 02-07-2020 (Annexure-III) and its subsequent amendment, if any, in prescribed format (Annexure-X). Non-compliance/ Non-submission will lead to rejection of Offer [Not Applicable]

for cases where local content is 100%]. Vendor to quote as per specified price format of NIT, otherwise their offer shall be liable to be rejected.

Following confirmation to be provided by vendor: "We confirm that we have quoted as per specified price format provided along with this tender".

22. Validity of Purchase Order: Purchase order shall be valid for two years from date of Purchase Order.

23. Arbitration: As per Annexure-V of NIT.

24. Splitting of Contract: Splitting of Contract not applicable for this tender.

25. Risk & Cost: As per Annexure-VI of NIT.

26. Prevention for cartel formation: 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.

27. BHEL Supplier Registration Portal: The link for Online Supplier Registration Portal is <https://supplier.bhel.in/>The link for Online Supplier Registration Portal may also be seen at BHEL website (www.bhel.com) on "Supplier Registration" Page.

28. Quantity Variation - BHEL shall have the right to variation in quantities of items within +/- 30% of the total Purchase Order / Contract value at the time of placement of PO or award of Contract on overall basis for all amendments together within two years from the date of original Purchase Order. The purchaser shall have the right to increase or decrease quantity and scope up to the above extent of value and seller/contractor shall be bound to accept the same at the contracted prices without any escalation.

29. GeM Seller ID- GeM seller ID is mandatory for the bidders and must be mentioned in their offer. In case at the time of submission of offer GeM seller ID is not available with bidder, then successful tenderer should ensure to have GeM Seller ID prior to award of contract. Department of Expenditure (DOE) OM no. 6/9/2020-PPD dated 24.08.2020 may be referred in this regard.

30. Deviations:

a) Technical Deviation: No Technical Deviation is envisaged.

b) Commercial Deviation: No Commercial Deviation envisaged except defined in GTC.

31. Additional Instructions to the Bidders:

a) Service charges like Supervision of ETC should not exceed 2% of the total contract value.

b) Bidder's offer will be technically acceptable subject to final acceptance of vendor by ultimate customer as approved supplier. Price Bid will be opened only for those bidders in respect of which vendor approval is received from respective customer. Necessary credentials/documents to be submitted to customer for approval.

Documents Required for Customer approval:

Bidders to submit below documents along with their offer but not limited to:

- (i) PAN, GST, Certificate of Incorporation
- (ii) Factory Registration Certificate
- (iii) Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc.)
- (iv) List of Plant and Machinery
- (v) List of Testing and Measuring equipment
- (vi) Third party approval, if any (viz. ISO, BIS)
- (vii) Pollution clearance wherever applicable
- (viii) Energy conservation & Efficiency Report (Applicable to industries having contact load more than 100KVA)
- (ix) Manufacturing Quality Plan (MQP)
- (x) List of past supplies references along with copy of major PO
- (xi) Performance certificate from end user
- (xii) Photographs of factory, plant and machinery & testing facilities

c) MQP Requirement: As per attached QATR (Quality Assurance Technical Requirements).

d) Inspection Agency: BHEL /Customer or their nominated Agency will witness the inspection as per approved QAP.

e) Destination address shall be: -

Ward No. 3, Gokuwa chowk, Budhiganga Gaupalika, District Morang, Biratnagar, Nepal

f) Scope for the unloading of the material / Custom clearance /transportation of the material and delivery of material at the site (Applicable for supply portion only):-

The material is to be unloaded at the storage area in Nepal which is approx. 8-10 Km from Jogbani Border. The ware house address in Nepal is:

Ward No. 3, Gokuwa chowk, Budhiganga Gaupalika
District Morang, Biratnagar, Nepal

Unloading at the storage area along with custom clearance, payment of custom duty shall be in the scope of the BHEL/BHEL's appointed Agency.

Due to limitation of gates at border, following are proposed for smooth operation:

- (i) One invoice for one vehicle-load job to be ensured to streamline the dispatch and documentation at the border.
 - (ii) Merging of consignments with an ODC consignment in the same invoice to be avoided wherever possible, so that vehicles may not be stranded at the customs gate.
 - (iii) Immediate after dispatching vehicles, all the requisite documents (invoices, LR copy, etc.) to be sent to BHEL for advanced clearance of the customs, IBN approval etc. in order to avoid detention at border.
- Further, the transportation of BHEL's material from the warehouse (Biratnagar, Nepal) to Arun-3 site is in the scope of BHEL.

Bidder's may take the note and quote accordingly.

32. List of documents required from vendor end for the custom clearance by BHEL's appointed agency (Applicable only for Supply Portion):

Vendor needs to provide following documents immediately after dispatch.

- a. L.R.
- b. Packing list.
- c. Vendor's invoice.
- d. Any other documents required for taking permission from IBN (Investment board of Nepal) for payment of applicable custom duty for custom clearance.

33. Consignee Address: -

BHEL C/o Engineer-in-Charge SJVN Arun-3 Power Development Company (P) Limited (SAPDC),
SAPDC Office Complex, Tumlingtar, District Sankhuwasabha, (Nepal).

34. Bill to Address: -

Bharat Heavy Electricals Limited-TBG, 10th Floor, Plot No.C-20/1A/1, Joy Tower, Sector-62, Noida-201301, U.P.
GSTN-09AAACB4146P2ZC

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

Works Address-----

(Sign and seal of Bidder)

Project: SJVNL ARUN3 NEPAL PROJECT
Item : FPS [Supply + Services]
Subject: Bid specific Additional Terms and Conditions
PI Number: 17I2200319 dated 31.03.2022

Item Description	Item Code / Make	Quantity	Units	Bidder to confirm (Quoted/Not Quoted*)
2	3	4	5	
MS PIPE 200NB (FE410 GRADE)(As per IS 3589 Gr 410)	item1	200	Meter	
MS ERW PIPE 150NB (MEDIUM GRADE)(As per IS: 1239 (Part-I))	item2	400	Meter	
MS ERW PIPE 100NB (MEDIUM GRADE)(As per IS: 1239 (Part-I))	item3	80	Meter	
MS ERW PIPE 80NB (MEDIUM GRADE)(As per IS: 1239 (Part-I))	item4	30	Meter	
WRAPING & COATING MATERIAL	item5	10	SqMtr	
SINGLE HEADED HYDRANT VALVE	item6	13	Nos.	
HOSE BOX	item7	13	Nos.	
HOSE PIPE - 15M LONG	item8	26	Nos.	
HOSE REEL - 30 METER LONG WITH DRUM	item9	1	Nos.	
BRANCH PIPE WITH NOZZLE	item10	13	Nos.	
AIR RELEASE VALVE	item11	1	Nos.	
GATE VALVE 200NB	item12	2	Nos.	
GATE VALVE 150NB	item13	2	Nos.	
GATE VALVE 100NB	item14	11	Nos.	
GATE VALVE 80NB	item15	2	Nos.	
BUTTERFLY VALVE - 100NB	item16	1	Nos.	
DELUGE VALVE - 100NB	item17	4	Nos.	
Y-TYPE STRAINER - 100NB	item18	4	Nos.	
SOLENOID VALVE	item19	4	Nos.	
Q.B DETECTOR	item20	78	Nos.	
HVW SPRAY NOZZLE	item21	177	Nos.	
MVW SPRAY NOZZLE	item22	70	Nos.	
PRESSURE SWITCH	item23	8	Nos.	
PRESSURE GAUGE	item24	8	Nos.	

LOCAL CONTROL PANEL FOR DELUGE VALVE	item25	4	Nos.	
PYLON PIPE 50NB (MEDIUM GRADE)	item26	198	Meter	
GI PIPE 100NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item27	42	Meter	
GI PIPE 80NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item28	18	Meter	
GI PIPE 65NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item29	45	Meter	
GI PIPE 50NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item30	132	Meter	
GI PIPE 40NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item31	198	Meter	
GI PIPE 32NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item32	72	Meter	
GI PIPE 25NB (MEDIUM GRADE)(As per IS: 1239 (Part-I), Galvanized as per IS 4736)	item33	329	Meter	
CO2 TYPE EXTINGUISHER -4.5 KG	item34	5	Nos.	
CO2 TYPE EXTINGUISHER - 22.5 KG(Trolley Mounted)	item35	1	Nos.	
DRY CHEMICAL POWDER TYPE EXTINGUISHER - 6 KG	item36	3	Nos.	
DRY CHEMICAL POWDER TYPE EXTINGUISHER - 25 KG(Trolley Mounted)	item37	1	Nos.	
MECHANICAL FOAM TYPE EXTINGUISHER - 9 LITER	item38	2	Nos.	
MECHANICAL FOAM TYPE EXTINGUISHER - 60 LITER(Trolley Mounted)	item39	1	Nos.	
SAND BUCKET(Each set comprises of two sand buckets with stand)	item40	4	Set	
IGES PIPE 80NB	item41	21.6	Meter	
IGES PIPE 50NB	item42	75.6	Meter	

Project: SJVNL ARUN3 NEPAL PROJECT
Item : FPS [Supply + Services]
Subject: Bid specific Additional Terms and Conditions
PI Number: 17I2200319 dated 31.03.2022

IGES PIPE 40NB	item43	21.6	Meter	
IGES PIPE 25NB	item44	75.6	Meter	
IG-541 -CYLINDERS 140 LTRS. 300 BAR	item45	40	Nos.	
IG-541 CYLINDERVALVE (IG-541) - CYLINDERS VALVE	item46	40	Nos.	
6 CYLINDER -MANIFOLD 300 BAR M400 (140 LITRE CYLINDER)	item47	5	Nos.	
5 CYLINDER -MANIFOLD 300 BAR M400 (140 LITER CYLINDER)	item48	2	Nos.	
IGES PRESSURE RELIEF DAMPER	item49	4	Nos.	
IGES HOSE	item50	40	Nos.	
IGES CHECK VALVE	item51	40	Nos.	
IGES CONTACT PRESSURE GAUGE(Contact pressure gauge cum Switch)	item52	40	Nos.	
IGES RELEASE DEVICE ELECTRICAL	item53	6	Nos.	
IGES RELEASE DEVICE MANUAL	item54	6	Nos.	
IGES RELEASE DEVICE PNEUMATIC	item55	36	Nos.	
IGES ADAPTER	item56	76	Nos.	
IGES PILOT PIPES CYLINDER RACK BAS STRAIGHT	item57	36	Nos.	
IGES SAFETY VALVE	item58	6	Nos.	
IGES PNEUMATIC LIMIT SWITCH	item59	3	Nos.	
IGES NOZZLES	item60	43.2	Nos.	
MULTI SENSOR DETECTOR	item61	35	Nos.	
HEAT DETECTOR	item62	2	Nos.	
AIR SAMPLING DETECTION ASSEMBLY(Complete with sampling pipe network, detectors, detector control assembly chart recorder/data log output, remote annunciation display panel, spares and tools etc., as described in the detailed specification)	item63	3	Set	
BEAM DETECTOR SET	item64	8	Nos.	
HOOTER CUM STROBE	item65	3	Nos.	
RESPONSE INDICATOR	item66	8	Nos.	
MONITOR MODULE	item67	18	Nos.	

CONTROL MODULE	item68	15	Nos.	
MANUAL CALL POINT	item69	6	Nos.	
LHS CABLE(Digital LHS Cable along with interface modules)	item70	80	Meter	
EXIT SIGN	item71	10	Nos.	
MANUAL ABORT SWITCHES	item72	3	Nos.	
MANUAL RELEASE SWITCHES	item73	3	Nos.	
DISCHARGE INDICATOR	item74	3	Nos.	
PRE DISCHARGE INDICATORS	item75	3	Nos.	
IGES GAS RELEASE PANEL	item76	1	Nos.	
DETECTION CABLE 2C X 1.5 SQ.MM	item77	600	Mtrs	
FO CABLE	item78	100	Mtrs	
SAFETY KIT	item79	1	Set	
ADDRESSABLE FIRE ALARM PANEL	item80	1	Nos.	
FIRE DETECTION SYSTEM ACCESSORIES	item81	1	Set	
IGES ACCESSORIES	item82	1	Set	
PIPE FITTINGS & ACCESSORIES	item83	1	Set	
SUPERVISION OF ERECTION TESTING AND COMMISSIONING FOR FIRE FIGHTING SYSTEM(Supervision of Erection Testing & Commissioning for Fire Fighting System on per day basis for the days present at site on certification by BHEL site incharge. Price shall be inclusive of charges for lodging, boarding, medical, insurances etc.)	item84	50	Mandays	
TO & FRO TRAVEL CHARGES(To & Fro travel charges on per visit basis for all visits as per site requirement. Local transportation between hotel and site to be arranged by contractor.)	item85	1	Visit	
MANDATORY SPARES(MULTI SENSOR DETECTOR(10% of total quantity.))	item86	4	Nos.	
MANDATORY SPARES(HEAT DETECTOR(10% of total quantity.))	item87	1	Nos.	

MANDATORY SPARES(BEAM DETECTOR SET(10% of total quantity.))	item88	1	Nos.	
MANDATORY SPARES(Q.B DETECTORS(10% of total quantity.))	item89	8	Nos.	
MANDATORY SPARES(LHS CABLE(Digital LHS Cable along with interface modules. 10% of total quantity.))	item90	8	Meter	
MANDATORY SPARES(MANUAL CALL POINT(10% of total quantity.))	item91	1	Nos.	
MANDATORY SPARES(HOOTER CUM STROBE(10% of total quantity.))	item92	1	Nos.	
MANDATORY SPARES(HVW SPRAY NOZZLE(10% of total quantity.))	item93	18	Nos.	
MANDATORY SPARES(MVW SPRAY NOZZLE(10% of total quantity.))	item94	7	Nos.	
MANDATORY SPARES(EXIT SIGN(10% of total quantity.))	item95	1	Nos.	
MANDATORY SPARES(Y-TYPE STRAINER - 100NB(10% of total quantity.))	item96	1	Nos.	
MANDATORY SPARES(MS PIPE 200NB (FE410 GRADE)(10% of total quantity.))	item97	20	Meter	
MANDATORY SPARES(MS ERW PIPE 150NB (MEDIUM GRADE)(10% of total quantity.))	item98	40	Meter	
MANDATORY SPARES(MS ERW PIPE 100NB (MEDIUM GRADE)(10% of total quantity.))	item99	8	Meter	
MANDATORY SPARES(MS ERW PIPE 80NB (MEDIUM GRADE)(10% of total quantity.))	item100	3	Meter	
MANDATORY SPARES(PYLON PIPE 50NB (MEDIUM GRADE)(10% of total quantity.))	item101	20	Meter	
MANDATORY SPARES(GI PIPE 100NB (MEDIUM GRADE)(10% of total quantity.))	item102	5	Meter	
MANDATORY SPARES(GI PIPE 80NB (MEDIUM GRADE)(10% of total quantity.))	item103	2	Meter	

MANDATORY SPARES(GI PIPE 65NB (MEDIUM GRADE)(10% of total quantity.))	item104	5	Meter	
MANDATORY SPARES(GI PIPE 50NB (MEDIUM GRADE)(10% of total quantity.))	item105	14	Meter	
MANDATORY SPARES(GI PIPE 40NB (MEDIUM GRADE)(10% of total quantity.))	item106	20	Meter	
MANDATORY SPARES(GI PIPE 32NB (MEDIUM GRADE)(10% of total quantity.))	item107	8	Meter	
MANDATORY SPARES(GI PIPE 25NB (MEDIUM GRADE)(10% of total quantity.))	item108	33	Meter	
MANDATORY SPARES(IGES PIPE 80NB(10% of total quantity.))	item109	3	Meter	
MANDATORY SPARES(IGES PIPE 50NB(10% of total quantity.))	item110	8	Meter	
MANDATORY SPARES(IGES PIPE 40NB(10% of total quantity.))	item111	3	Meter	
MANDATORY SPARES(IGES PIPE 25NB(10% of total quantity.))	item112	8	Meter	
MANDATORY SPARES(PIPE FITTINGS & ACCESSORIES(10% of total quantity.))	item113	1	Set	
MANDATORY SPARES(GATE VALVE 200NB(10% of total quantity.))	item114	1	Nos.	
MANDATORY SPARES(GATE VALVE-150NB(10% of total quantity.))	item115	1	Nos.	
MANDATORY SPARES(GATE VALVE-100NB(10% of total quantity.))	item116	1	Nos.	
MANDATORY SPARES(GATE VALVE-80NB(10% of total quantity.))	item117	1	Nos.	
MANDATORY SPARES(BUTTERFLY VALVE-100NB(10% of total quantity.))	item118	1	Nos.	
MANDATORY SPARES(DELUGE VALVE-100NB(10% of total quantity.))	item119	1	Nos.	
MANDATORY SPARES(EXPANSION JOINTS(10% of total quantity.))	item120	4	Nos.	
MANDATORY SPARES(SINGLE HEADED HYDRANT VALVE(10% of total quantity.))	item121	2	Nos.	

MANDATORY SPARES(HOSE PIPE CONNECTOR(10% of total quantity.))	item122	3	Nos.	
MANDATORY SPARES(AIR RELEASE VALVE(10% of total quantity.))	item123	1	Nos.	
MANDATORY SPARES(HOSE PIPE - 15M LONG(10% of total quantity.))	item124	3	Nos.	
MANDATORY SPARES(BRANCH PIPE WITH NOZZLE(10% of total quantity.))	item125	2	Nos.	
MANDATORY SPARES(KITS FOR FILLING UP PORTABLE FIRE EXTINGUISHERS(50% of total capacity.))	item126	5	Nos.	
MANDATORY SPARES(CARDS(All type of cards used in FACP & Air Sampling System. 1 no. each))	item127	1	Set	
MANDATORY SPARES(IGES GAS CYLINDER(10% of total quantity.))	item128	4	Nos.	
MANDATORY SPARES(IGES RELEASE DEVICE ELECTRICAL(10% of total quantity.))	item129	1	Nos.	
MANDATORY SPARES(IGES RELEASE DEVICE MANUAL(10% of total quantity.))	item130	1	Nos.	
MANDATORY SPARES(IGES RELEASE DEVICE PNEUMATIC(10% of total quantity.))	item131	4	Nos.	
MANDATORY SPARES(IGES CYLINDER VALVE WITH SAFETY PRESSURE RELIEF DEVICE(10% of total quantity.))	item132	4	Nos.	
MANDATORY SPARES(IGES NOZZLES(10% of total quantity.))	item133	5	Nos.	
MANDATORY SPARES(INERT GAS RELEASE PUSH BUTTON(10% of total quantity.))	item134	1	Nos.	
MANDATORY SPARES(PRESSURE SWITCH(10% of installed capacity))	item135	1	Nos.	
MANDATORY SPARES(PRESSURE GAUGE(10% of installed capacity))	item136	1	Nos.	
MANDATORY SPARES(SOLENOID VALVE(10% of installed capacity))	item137	1	Nos.	

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

Annexure-II

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

Annexure-III

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**

Annexure-IV

Item/Package Name :	FPS System
Enquiry No.:	
Project:	ARUN-3 project
Type of project	
Percentage of Local Content	<i>(Bidder to enter the applicable % of local content)</i>

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.

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.>