
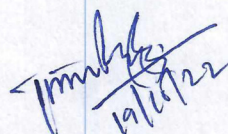


**Annexure-A****BHEL & CONTRACTOR'S SCOPE OF WORK**

Indent no.:202220337 rev00

1.0	BHEL SCOPE OF WORK:
1.1	Relevant drawings will be provided by BHEL with work assignment/Annexures.
1.2	BHEL will provide Space for working in shop floor suitable to work load.
1.3	Shearing Machine as per schedule for cutting of aluminum sheet.
1.4	Radial drill machine as per schedule.
1.5	Bending machine as per schedule for bending of SPBD enclosure.
1.6	Fork Lift/Hydra with driver only as & when necessarily required for handling/shifting of ducts and raw material to bring it to work area of contractor and take the finished jobs out of the work area.
1.7	Raw Material will be issued through SIV (Store Issue Voucher) from PDN Deptt. to Contractor as per the targeted requirement & receiving from contractor to be given on same SIV with sign and stamp.
1.8	Power supply through electrical Points as available in work area will be free of cost.
1.9	Filler Wire & Spool- Required quantity with the assigned work.
1.10	Argon Gas and compressed Air- Required quantity with the assigned work.
1.11	Radiography Test/DP Test to be performed on the offered welded joints. Test kits will be provided by BHEL.
1.12	Target completion will be mutually agreed with every assignment given by BHEL. In case any requirement to compress the schedule of activities to achieve project completion, BHEL decision in this regard will be final and the issue will not be open to arbitration.
1.13	Work assignments from BHEL will be communicated through email/hard copy as per the BHEL turnover targets.
1.14	All consumables of hand grinder, jig saw, circular saw, chop saw blade, drilling machine like drill bits, jig saw / circular saw blades, sanding sheets, grinding wheels, Copper Tip, hand gloves etc. - Required quantity with the assigned work will be provide by BHEL.
1.15	With the increased loading of ducts and after meeting basic requirement of machines, hand tools & safety PPEs by contractor, if the need arises to meet BHEL's turnover/urgent requirements, BHEL may issue its own machine, hand tools and safety equipment's on chargeable basis as per existing rules of hiring prevalent in BHEL for the equipment's. BHEL decision to issue equipment's will not be open to arbitration. Such hiring charges will be deducted from the upcoming bills of contractor, based on BHEL issue & return forms. In the event of machine breakdown during the hiring period, issued to the contractor, the charges incurred by BHEL to repair the same including parts and workmanship charges (manpower) will be deducted from their monthly billings/upcoming bills.

  
 19/10/22

  
 19/10/22

**Annexure-A****BHEL & CONTRACTOR'S SCOPE OF WORK**

Indent no.:202220337 rev00

2.0	CONTRACTOR SCOPE OF WORK:
2.1	<p>Following machine and hand tools are mandatory and to be arranged by sub contractor:-</p> <p><b>Machines:-</b></p> <ol style="list-style-type: none"> <li>1. MIG Welding machine (300 to 500 Amps or above rating )-2 no's.(Minimum)</li> <li>2. TIG Machines (300 to 500 Amps or above rating )- 1 no. (Minimum)</li> </ol> <p><b>Hand tools (As per requirement):-</b></p> <ol style="list-style-type: none"> <li>1. Jig saw machine</li> <li>2. Circular saw machine</li> <li>3. Hand Grinder</li> <li>4. Hand Grinder (Big Size 7")</li> <li>5. Hand Drill Machine</li> <li>6. Drill Bits of different size as per requirement.</li> <li>7. All other measuring and marking tools.</li> </ol> <p><b>Safety Equipment (for all workers):-</b></p> <ol style="list-style-type: none"> <li>1. Welding Helmet for welders</li> <li>2. Dungarees</li> <li>3. Safety Helmets</li> <li>4. Safety Shoes</li> <li>5. Nose Mask</li> <li>6. Ear Muff</li> </ol> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. Cost of maintenance for their machines and hand tools will be borne by subcontractor. contractor can use their own letter head/format on their letter head to take out their machines/hand tools for repair outside the plant on returnable basis verified by Executive of PDN Department.</li> <li>2. If contractor fail to mobilized minimum no of welding machine, in that case penalty of Rs. 500 / day per machine will be imposed on contractor and shall be recovered from Security Deposit / Running Bills.</li> <li>3. No hand tools and safety equipment shall be provided by BHEL.</li> <li>4. Cost of Safety Helmet &amp; Safety Shoe with additional 10% admin charges will be deducted from contractor bills if not provided within one week of Mobilization.</li> </ol>
2.2	Depute Sufficient semi-skilled and unskilled manpower which includes helpers and cleaners to complete the assigned work.
2.3	<p>Aluminum welders should be NTPC/Lloyd/BHEL qualified as per following documents:</p> <p>Procedure Qualification Record: PQR:AL:GTAW:00 &amp; PQR:AL:GMAW:00</p> <p>Welding Procedure Specification: WPS:AL:GTAW:00 &amp; WPS:AL:GMAW:00</p> <p>Only certified welders will be allowed for welding on ducts. List of such welders with their welder code allotted by BHEL should be given to production &amp; quality department of BHEL-Rudrapur.</p>
2.4	Aluminum Welding is to be done as per Approved WPS (Welding Procedure Specifications).
2.5	Contractors has follow fabrication process as per Annexure E, as per drawing instruction or amendment of fabrication process time to time, notified to contractor.

15/10/22 ✓

19/10/22 ✓

**Annexure-A****BHEL & CONTRACTOR'S SCOPE OF WORK**

Indent no.:202220337 rev00

2.6	Contractor has to obtain one-time worker compensation policy upon receipt of LOI/WO for gate pass processing.
2.7	All the contractor's employees will be issued photo gate pass. Cost of preparation of gate pass will be borne by contractor. Without WC Policy, no gate pass would be issued.
2.8	Contractors has to register their employees in BHEL biometric system for daily attendance.
2.9	All the PPE's for employees at work is provided by the contractor. PPE's like safety shoe, safety belts, helmets, welder's glass; welders shield etc is required to be used during execution of work inside BHEL, CFP, and Plant.
2.10	All the statutory obligations like PF Challan (if applicable), ESI Challan (if applicable), Wages Record, Labour licensee copy (if required), WC Policy-One Time, Service Tax Challans, Certificate regarding compliance to Labor Act for maintaining records required as per the law, Certificate for compliance to safety norms and other statutory papers, if required is in the scope of contractor and BHEL's will not be held responsible for any non-compliance issues. Failure to do so will result in hold of payment of contractor.
2.11	Safety at work will be ensured by Contractor and BHEL will assist, if required.
2.12	Contractor has to maintain scraps as per system defined by BHEL from time to time. Aluminium chips (Gray bins), Offcuts (Sky Blue bins), Al Dust (Black Bins) are to be segregated at source(SAS), bins weighed for returning it to central stores through scrap disposal note(SDN) processed through production department. There is a provision of penalty of minimum Rs. 500/- per instance at source(SAS) if scrap separation is not found in order.
2.13	In case of compression of fabrication schedule to meet align with BHEL targets contractor has to increase manpower, machines, Hand tools to meet the same.
2.14	Guideline for COVID-19/Pandemic situations: <ul style="list-style-type: none"> <li>Each employee of contractors should be COVID vaccinated. BHEL may asked the vaccination certificate &amp; contractor has to produce the same.</li> </ul>

(Signature of bidder with seal)

*[Signature]*  
19/10/22

*[Signature]*  
19/10/22


**Annexure-B****GENERAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

1. Material issued to contractor by BHEL, will be received by contractor with receipt acknowledgement signature and their company stamp. It will be under the responsibility of contractor till he returns the same to Production / Central Stores.
2. Contractor's Engineer / supervisor have to maintain data of issued raw martial, finished good and scrap material on day to day basis.
3. Contractor has to hand over finished job to BHEL representative / painting department in proper format along with all fittings like, window cover, assembly of Heater / CT terminal box, conductor etc.
4. Shop supervisor from contractor side will co-ordinate with shift in-charge, BHEL, Production Shop for all his requirements i.e. targets of month, issue of raw material, required consumables, maintenance of machine/utilities provided, material handling & work verification on daily basis.
5. Contractor has to submit the material accountal with every bill submitted w. r. t. SIV issued by production, after the completion of fabrication.
6. The consumables will be issued only in proportion to the total tonnage of fabrication work. If the quantity increases, cost of excess qty. shall be recovered from contractor's due payment.
7. Contractor has to execute the work order in 2 shifts on compulsory basis as per production requirement. He has to put off all the power switches of machines, fans, lights and other shop appliances before leaving the work place after duty is over or going for lunch. If BHEL finds any lapses, suitable penalty shall be imposed to the contractor.
8. **Contractor's employees may use BHEL's canteen facility after purchasing the requisite coupons upon payment as notified by BHEL. BHEL is not bound for providing subsidized meal to contractor employee.**
9. Boarding, lodging & transportation facility of subcontractor's employees has to be arranged by contractor.
10. A work-register has to be maintained containing following information regarding IP ducts:
  - a) Date of receipt of SPBD Al. Raw Material for enclosure/conductor from BHEL along with requisite Drawings.
  - b) Date of inspection offered to BHEL.
  - c) Date of handing over of finished SPBD Enclosures/ Conductors to BHEL Production/Quality, with re-work/rectification incorporated as per the remarks of BHEL, Quality Deptt.
11. Quality of weld joint should be such as to qualify the radiography test (depends upon the project requirement, which will be intimated while loading Annexures).
12. The assignment as received from BHEL has to be completed as per schedule of work and if needed has to be realigned with the revised targets of BHEL by working in co-ordination with BHEL in two shifts/three shifts.
13. The contractor shall be fully responsible for the acts/omissions by the persons engaged by it for working at site under the contract. The persons engaged by the contractor should not

PREPARED BY:

APPROVED BY:

  
 19/10/22

  
 19/10/22

**Annexure-B****GENERAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

have any criminal Record/or involved in any activity subversive of law and order. The contractor shall be fully responsible for injury/loss of life & property BHEL/contractor's own persons/any other party caused due to acts & omissions of sub-contractor or its employee during course of execution of work.

14. Compliance and payment of PF of sub-contractor staff employed for the work shall be the exclusive responsibility of the sub-contractor.
15. The sub-contractor should follow the rules of Health Safety and Environment Management Program as per requirement of ISO-14001 and OHSAS-18001.
16. **Cleaning of work area after completion of work is responsibility of subcontractor.**
17. Warranty: Not applicable.
18. Any loss/damage/intentional damages of BHEL's Tools & Plant during the execution of contract will be liable for recovery of cost involved, from the bills of contractor.

**(A) OFFER SUBMISSION IN RESPONSE TO INVITATION:**

1. Offer to be submitted in two bids. **(a). Techno-commercial bid & (b). Price Bid.**
2. **Techno-commercial bid** should contain signed & stamped pages of Annexure-A, B, C, D, E, F, G and Annexure-H2 (Unapprised Bid only) along with required **EMD as specified in NIT.** Copies of other documents (like PF, ESIC, & GST reg. etc) as mentioned in PQR Annexure-D to be attached OR submitted online.
3. **Price Bid** should contain only one filled price bid Annexure-H1, duly signed & stamped OR will be submitted online.
4. Party to confirm their acceptance towards detailed scope of work, general terms & conditions and other terms & conditions by signing and stamping all pages of Annexure-A, B, C, D, E, F, G.

**(B) EVALUATION OF OFFERS:**

1. Technical cum commercial Bid shall be opened first on due date specified in NIT for technical evaluation.
2. Price Bid shall be opened only for Technical cum commercial Bid qualified bidders.
3. **L-1 Party selection will be on the basis of overall offered price, received in price bid.**
4. *Offers not meeting Qualifying Requirements as per Annexure-II shall be out rightly rejected.*
5. Based on evaluation of the bids, successful bidder shall be awarded the contract.
6. Evaluation of offer will be strictly based on the information submitted by the bidder. In view of this the bidder is requested to go through tender document carefully and furnish all detail clearly.
7. The BHEL reserves its right to negotiate with the L-1, Bidder.

**(C) OTHER TERMS AND CONDITIONS:**

1. Safety obligation for contractor and general environmental obligation for contractor, as applicable to BHEL shall also be applicable to contractor inside the BHEL,CFP Plant except for the terms & conditions mentioned herein which shall be applicable as per Annexure-I.

PREPARED BY:

*[Signature]*  
19/10/22

APPROVED BY:

Page 2 of 5

**Annexure-B****GENERAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

**2. Earnest Money Deposit (EMD):**

Earnest Money Deposit as specified in NIT is must and shall be deposited along with the offer in the form of Bank Draft/Pay Order from any nationalized bank, in favor of BHEL Rudrapur. The EMD amount given by unsuccessful bidders shall be refunded within 15 days of acceptance of award of work by successful bidders. The EMD deposited by successful bidders shall be converted & adjusted against Security Deposit. *Offers without EMD shall not be considered and shall be out rightly rejected*

**3. Security Deposit (SD):**

- a. Successful contractor shall submit the interest free **security (S.D.)**, **5% of total Work order value** in form of DD/PAY ORDER/FDR or in form of bank guarantee in favor of BHEL issued by scheduled banks in the name of contractor, A/C BHEL.
  - b. Contractor shall submit at least 50% of total security deposit, before start of the work. Balance of the Security Deposit will be collected by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.
  - c. Contractor has to submit security deposit within one week from the date of work order.
  - d. Work can be started before security deposit is collected in case of small value contracts not exceeding Rs 20 Lakhs. However, payment can be released only after collection/recovery of initial 50 % Security Deposit.
  - e. In case of delay in submission of performance security / Security Deposit, enhanced performance security which would include interest (SB PLR rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if performance security / Security Deposit 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 / contract, from the bills along with due interest.
  - f. The Security Deposit shall not carry any interest
  - g. The Security Deposit shall be refunded to the sub-contractor after three month of successful completion/termination of the contract subject to deduction on account of BHEL dues, non-deposit of statutory dues etc. (if any).
4. **Jurisdiction:** All disputes, claims or actions arising out of under or in connection with this contract shall be subject to the exclusive jurisdiction applicable over BHEL Rudrapur (Udham Singh Nagar) only.
5. The contractor shall be deemed to make them self familiar with the plant conditions before actual start of work and is expected to take adequate safety precautions for persons employed by it during execution of the work at site.

PREPARED BY:

APPROVED BY:

Page 3 of 5

**Annexure-B****GENERAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

6. Bidders are requested to furnish regret letter through email/fax/speed post/courier, if for any reason they are not able to put forward their offer against this tender enquiry.

**(D) RIGHTS OF BHEL:**

BHEL reserves the following rights in respect of this contract during the original contract period or its extensions if any, as per the provisions of the contract, without entitling the contractor for any compensation.

- i) To withdraw any portion of work and / or to restrict / alter quantum of work as indicated in the contract during the progress of work and get it done through other agencies to suit BHEL's commitment to its customer or in case BHEL decides to advance the date of completion due to other emergent reasons / BHEL's obligation to its customer.
- ii) To terminate the contract or get any part of the work done through other agency or deploy BHEL's own/ hired/ otherwise arranged resources, at the risk and cost of the contractor after due notice of a period of one week by BHEL, in the event of:-
  - i) Contractor's continued poor progress
  - ii) Withdrawal from or abandonment of the work before completion of the work
  - iii) Contractor's inability to progress the work for completion as stipulated in the contract
  - iv) Poor quality of work
  - v) Corrupt act of Contractor
  - vi) Insolvency of the Contractor
  - vii) Persistent disregard to the instructions of BHEL
  - viii) Assignment, transfer, sub-letting of contract without BHEL's written permission
  - ix) Non fulfillment of any contractual obligations
  - x) Violation of terms & conditions as specified in PQR.
- iii) In the opinion of BHEL, the contractor is overloaded and is not in a position to execute the job as per required schedule.
- iv) To meet the expenses including BHEL overheads on the differential cost at 10%, over and above the Liquidated damages/penalties arising out of "Risk & Cost" as explained above. BHEL shall recover the amount from any money due from Contractor, or from any money due to the Contractor including Security Deposit, or by forfeiting any T&P or material of the contractor under this contract or any other contract of BHEL or by any other means or any combination thereof.
- v) To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case BHEL's contract with their customer are terminated for any reason, as per mutual agreement.
- vi) To effect recovery from any amounts due to the contractor under this or any other contract or in any other form, the moneys BHEL is statutorily forced to pay to anybody,

PREPARED BY:

*[Signature]*  
19/10/22

APPROVED BY:

Page 4 of 5


**Annexure-B****GENERAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

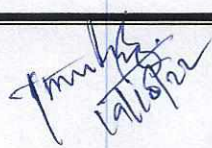
due to contractor's failure to fulfill any of his obligations. BHEL shall levy overheads of 10% on all such payments along with interest as defined elsewhere in the GCC.

- vii) While every endeavor will be made by BHEL to this end, they cannot guarantee uninterrupted work due to conditions beyond their control. The Contractor will not be normally entitled for any compensation / extra payment on this account unless otherwise specified elsewhere in the contract.
- viii) In case the execution of works comes to a complete halt or reaches a stage wherein worthwhile works cannot be executed and there is no possibility of commencement of work for a period of not less than two months, due to reasons not attributable to the contractor and other than Force Majeure conditions, BHEL may consider permitting the contractor to de mobilize forthwith and re mobilize at an agreed future date. Cost of such demobilization/remobilization shall be borne by contractor. ORC in such cases shall not be applicable for the period between the period of demobilization and re mobilization. The duration of contract/time extension shall accordingly get modified suitably. In case of any conflict, BHEL decision in this regard shall be final and binding on the contractor.
- ix) In the unforeseen event of inordinate delay in receipt of materials, drawings, fronts, etc, due to which inordinate discontinuity of work is anticipated, BHEL at its discretion may consider contractor's request to short close the contract in following cases:  
The balance works cannot be done within a reasonable period of time as they are dependent on reasons not attributable to the contractor. At the point of requesting for short closure, contractor shall establish that he has completed all works possible of completion and he is not able to proceed with the balance works due to constraints beyond his control. In such a case, the estimated value of the unexecuted portion of work (or estimated value of services to be provided for carrying out milestone / stage payments) as mutually agreed, shall however be reduced from the final contract value.

PREPARED BY:

  
19/10/22

APPROVED BY:



Page 5 of 5

**Annexure- C****SPECIAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

**1. BHEL reserves the following rights:**

- a. BHEL intends to employ 02(Two) Subcontractors for the tendered work to execute the fabrication work at 02(two) fabrication stations.
- b. Loading criteria / distribution matrix for successful bidders shall be as follows :

No. of contractor	Distribution of tender quantity (%)	
	02 Qualified Bidders	01 Qualified Bidder
L-1	60	100
L-2	40	-
Total %	100	100

2. Contractor, after award of contract, will have to deploy their same qualified supervisor as declared by them in their tender offer, as per Pre-Qualification Criteria, clause no. 1(a)&(b). In case of full time supervisor not found qualified as per Pre-Qualification Criteria, at the time of execution of work order, their work order shall be short closed with immediate effect.
3. Execution of work order without presence of qualified supervisor more than 6 working days in a month shall be treated as violation of contract terms and condition and pre-qualification criteria, because their tender offer has been considered technically qualified as per Pre-Qualification Criteria only. In this case the work order issued to the respective party shall be short closed.
4. Bidder to submit welder qualification certificate of their welder who will actually work during execution of work order. If the successful bidder / Party found, executing work order without qualified welder more than 6 working days in a month, the same shall be considered as violation of contract terms and condition and PQR. In this case work order issued to the respective contractor shall be short closed with immediate effect.
5. The above conditions at sl. No. 2, 3 & 4 have to be strictly adhered by the sub-contractor. The essence of these conditions are to assure quality of work as per BHEL standard, better planning of work to achieve the required production out put from the contractor side to meet monthly targets, as per Turn Over plan.
6. Any loss/damage/intentional damages of BHEL's Tools & Plant during the execution of contract will be liable for recovery of cost involved, from the bills of contractor.
- 7. Payment of bills:**
  - 7.1 The payment shall be released progressively after submission of GST invoice/bill and based on WAM and measurement of work on MB book as per schedule 7.2 through e-payment mode for which the contractor need to provide following detail/documents:
    - 7.1.1 Original Invoice with two copies.
    - 7.1.2 Copy of work order.
    - 7.1.3 Copy of work allocation annexure (LATEST REVISION).
    - 7.1.4 Copy of work completion certificate or Route card.
    - 7.1.5 Copy of wage register of the month in which the allotted work has been executed.
    - 7.1.6 Payment details of bank from which wages of employees have been transferred online.
    - 7.1.7 Copy of payment receipt of PF & ESI of Contractor Employee of work execution period.

*[Signature]*  
19/10/22

*[Signature]*  
19/10/22

**Annexure- C****SPECIAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

SL. NO.	PAYMENT ON COMPLETION OF FOLLOWING:	% OF PAYMENT TO BE RELEASED
1	Total verified weight of welded Assy. of SPBD enclosure and conductor as per the quality deptt signed route cards on monthly basis. Original copy of Route Cards passed by BHEL, Quality Department to be enclosed with the invoice.	100% against satisfactory completion of fabrication duly cleared by BHEL Quality.

7.2 After acceptance of bill, The payment shall be released from the date of acceptance to contractor as per following.

Sl no.	Type of Bidder	Payment terms (No of Days)
1.	Micro & Small Enterprises (MSEs)	45 days
2.	Medium Enterprises	60 days
3.	Non MSME	90 days
4.	Wherever ILC payment terms are being given in tenders floated outside GeM.	120 days

**Note:**

1. Without above documents bill cannot be processed for payment
2. Contractor to ensure compliance of GST/Income tax law and rules applicable on supply/service involved in this tender and in the event of non-compliance by contractor, implication of the same (if any) shall be on account of contractor.
3. Contractor to ensure timely compliance related to GST return filling. If Input tax credit (ITC) is not available to BHEL on account of non-compliance/ delayed compliance, GST charged in invoice will be paid when ITC is available to BHEL. If GST charged paid by BHEL it will be recoverable from Contractor."

**8 Liquidated Damages (LD)/Penalty:**

If the contractor fails to deliver ducts as per following delivery schedule in that case BHEL shall have the right to impose Liquidated Damage/Penalty at the rate of 0. 5% of the work value, per week of delay or part thereof subject to a maximum of 10% of the allotted work value.

Quantum of Work/	Delivery/fabrication Schedule (No. of Days)
0-7 MT minimum	Within 10 Days of loading or receipt of raw material whichever is later.

*[Signature]*  
19/12/22

*[Signature]*  
19/12/22

**Annexure- C****SPECIAL CONDITIONS OF CONTRACT**

Indent no.:202220337 rev00

07-13 MT minimum	Within 20 Days of loading or receipt of raw material whichever is later.
13-20 MT minimum	Within 30 Days of loading or receipt of raw material whichever is later.
<p>Note:</p> <ol style="list-style-type: none"> <li>1. Monthly Loading Annexure shall be issued to the contractor for fabrication of SPBD.</li> <li>2. The total sum of the loading annexure will attract the respective delivery slab. e.g. If monthly annexure is of 15 MT (13-20 MT), it will lie in 30 days' delivery slab. If monthly annexure is of 10 MT (07-13MT), it will lie in 20 days' delivery slab &amp; If monthly annexure is of 05 MT (0-7MT), it will lie in 10 days' delivery slab.</li> <li>3. Accordingly Store/ Material Issue Voucher (SIV/MIV) will be issued to contractor for work execution against issued monthly loading annexure.</li> <li>4. Work completion shall be considered only after acceptance of fabrication Route Card/Inspection report by quality department and the date of acceptance shall be considered as completion date.</li> <li>5. LD shall be calculated on the basis of SIV/MIV date against monthly loading annexure &amp; the date of acceptance of fabrication Route Card/Inspection report by quality department.</li> </ol>	

(Signature &amp; stamp of bidder)



19/10/22



## ANNEXURE-D

## QUALIFICATION REQUIREMENT

Indent no.:202220337 rev00

QUALIFYING CRITERIA FOR TECHNO-COMMERCIAL BID

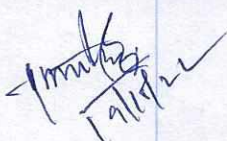
SL. NO	DESCRIPTION	OFFER
1	<p>a) Bidder should have Engineer/Supervisor with qualification of Engg. Graduate / Diploma / ITI(with 10 years' experience). Bidder to declare the name of person with details and Qualification certificates to be furnished along with the offer.</p> <p>b) Bidder to submit 2 no's aluminum welder qualification certificate issued from any NTPC/Lloyd/BHEL authorized agency as per Contractors Scope of work at sl. No. 2.3 of Annexure-A. Certificate should be issued before due date of the tender.</p> <p>OR</p> <p>Bidder to get at least 2 Aluminium welders, qualified by BHEL before submission of offer. Welder qualification shall be done as per required norms mentioned in Contractors Scope of Supply at Sl. No. 2.3 of Annexure-A</p> <p><b>Welder certificate or continuity Certificate should have validity of minimum 3 months at the time of offer submission. (as par cl. QW-322.1 of American welding standard)</b></p>	
2	Bidder should have valid PAN Card, EPF registration, ESIC registration, GST registration no. (Enclose copy as proof)	
3	<p>Bidder should have financial Turnover: -</p> <p>a. Average Financial turnover during the last three Financial years (FY 21-22, FY 20-21, FY 19-20, if audited balance sheet of FY 21-22 is not available then bidder can submit balance sheet of FY 18-19), should be at least Rs. 12.44 lakhs/-.</p> <p>b. Balance sheet and Profit &amp; Loss Account (audited / issued by Chartered Accountant) of last three years in support of above at sl. no.(a).</p>	
4	<p>Bidder should have experience of having successfully completed similar work during last 7 years ending last day of month previous to the one in which applications are invited to be the following: -</p> <p>a. Three similar completed works amounting not less than the basic amount of Rs 16.59 lakhs/ each-.</p> <p>OR</p> <p>b. Two similar completed works amounting not less than the basic amount of Rs. 20.74 lakhs/- each.</p> <p>OR</p> <p>c. One similar completed works amounting not less than basic the amount of Rs 33.18 lakhs/-.</p> <p>Note:- In case of similar completed works being executed with BHEL CFP Rudrapur, experience will be considered till the last day previous to due date of tender submission.</p>	

PREPARED BY:



19/10/22

APPROVED BY:



Page 1/2

## ANNEXURE-D

## QUALIFICATION REQUIREMENT

Indent no.:202220337 rev00

	<b>Definition of similar work:</b> Bidder should have experience of work execution related to busduct fabrication/Aluminium busduct manufacturing/ Aluminium fabrication work where Aluminium welding work is involving in fabrication.	
--	--	--

**Note: Non acceptance/submission/ compliance of above is liable for rejection in T/C Bid.**

Name of the Party: \_\_\_\_\_

Address of the Party: \_\_\_\_\_

Email ID: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone No of  
Contact Person: \_\_\_\_\_

Bank A/c No: \_\_\_\_\_

Bank Name: \_\_\_\_\_

Bank Address: \_\_\_\_\_

IFS Code: \_\_\_\_\_

(Signature of bidder with seal)

PREPARED BY: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_

# Annexure-E BOQ, SCHEDULE OF WORK & FABRICATION PROCEDURE

Indent no.:202220337 rev00

**A. BILL OF QUANTITY: -**

SL.NO.	DESCRIPTION	QTY	UNIT
As per scope of work, Fabrication work of SPBD for enclosure & conductor inside BHEL, CFP, Rudrapur Plant on rate of Rs./Kg as follows.			
1	<b>SPBD</b> Straight enclosure and conductor with one inspection window(Three Phase), Two End Flanges, & one Heater Terminal Box.	2,40,000	kg

BHEL will also pay additional charges on and above Rs/Kg charges of a standard straight duct as per the following details, with a ceiling of 8% of work order value based on actual measurement basis:

2	Per Bend of Enclosure and conductor Joint	Additional fixed charge	Rs 550.00	No
3	per window flange & cover (1 phase) assy.	Additional fixed charge	Rs 50.50	No
4	per window flange and cover (2 phase) assy.	Additional fixed charge	Rs 91.60	No
5	per window flange and cover (3 phase) assy.	Additional fixed charge	Rs 137.50	No
6	per CT terminal box assembly	Additional fixed charge	Rs 229.00	No
7	per End flange assembly	Additional fixed charge	Rs 104.50	No

**Note:-**

1. No additional charges, other than above are payable. Ducts are to be manufactured as per loading Annexures and its drawings.

**(B) 1. SCHEDULE OF START AND COMPETION OF WORK: -**

SL. NO.	ACTIVITY	DATE OF COMPLETION
1	Mobilization of requisite manpower	Within one week from the receipt of LOI/W.O. Letter of mobilization to be provided to PDN Deptt by contractor with details of manpower and machines (T&Ps), hand tools and others mentioned in it.
2	Fabrication of SP Bus Ducts	- Allotted quantity to contractors in 12 months progressively. - Duration of work completion shall be as per schedule given at Sl. No.8 of (Liquidated Damage) of SCC in Annexure-C.
3	Demobilization of manpower deployed	Within one week of completion of W.O. after obtaining no objection certificate(NOC) from PDN department.

**2. Duration of contract: 12 months from the date of work order.****(C) FABRICATION PROCEDURE & SCOPE OF WORK: -**

PREPARED BY:

APPROVED BY:

# Annexure-E BOQ, SCHEDULE OF WORK & FABRICATION PROCEDURE

Indent no.:202220337 rev00

<b>A</b>	<b>FABRICATION OF SPBD ENCLOSURE:</b>
1	Bending of sheet of required size as per drawing.
2	Cutting/sharing of sheet as per requirement of fabrication.
3	Making of full length of enclosure by joining required no. of bend sheet.
4	Cutting by jig saw, shearing machine and circular saw.
5	Match marking / fit-up and tack welding.
6	Fillet welding + butt welding on bends/profile(s). tap-off(s)
7	Offer for in process inspection (DP & Dimension) by BHEL quality.
8	Dressing and roughing.
9	Offering for final inspection and clearance from BHEL quality through route card for each job separately. Route card to be filled by shop supervisor and contractor.

<b>B</b>	<b>FABRICATION OF SPBD CONDUCTOR:</b>
1	Making of full length of Conductor by joining channels specified in drawing.
2	Marking of for slot(s), cut-out(s), spacer(s).
3	Marking of profile(s) for different degree(s) as per drawing
4	Cutting by Jig Saw / Circular Saw
5	Offer for in process inspection (DP & Dimension) by BHEL/Qly.
6	Dressing & roughing
7	Offering for final inspection and clearance from BHEL/QLY through Route Card for each job separately. Route Card to be filled by shop supervisor of contractor.

PREPARED BY:

*[Signature]*  
19/10/22

APPROVED BY:

Page 2/2

**Annexure-E BOQ , SCHEDULE OF WORK & FABRICATION PROCEDURE**

Indent no.:202220337 rev00

**A. BILL OF QUANTITY: -**

SL.NO.	DESCRIPTION	QTY	UNIT
As per scope of work, Fabrication work of SPBD for enclosure & conductor inside BHEL, CFP, Rudrapur Plant on rate of Rs./Kg as follows.			
1	<b>SPBD</b> Straight enclosure and conductor with one inspection window(Three Phase), Two End Flanges, & one Heater Terminal Box.	2,40,000	kg

BHEL will also pay additional charges on and above Rs/Kg charges of a standard straight duct as per the following details, with a ceiling of 8% of work order value based on actual measurement basis:

2	Per Bend of Enclosure and conductor Joint	Additional fixed charge	Rs 550.00	No
3	per window flange & cover (1 phase) assy.	Additional fixed charge	Rs 50.50	No
4	per window flange and cover (2 phase) assy.	Additional fixed charge	Rs 91.60	No
5	per window flange and cover (3 phase) assy.	Additional fixed charge	Rs 137.50	No
6	per CT terminal box assembly	Additional fixed charge	Rs 229.00	No
7	per End flange assembly	Additional fixed charge	Rs 104.50	No

**Note:-**

1. No additional charges, other than above are payable. Ducts are to be manufactured as per loading Annexures and its drawings.

**(B) 1. SCHEDULE OF START AND COMPETION OF WORK: -**

SL. NO.	ACTIVITY	DATE OF COMPLETION
1	Mobilization of requisite manpower	Within one week from the receipt of LOI/W.O. Letter of mobilization to be provided to PDN Deptt by contractor with details of manpower and machines (T&Ps), hand tools and others mentioned in it.
2	Fabrication of SP Bus Ducts	- Allotted quantity to contractors in 12 months progressively. - Duration of work completion shall be as per schedule given at Sl. No.8 of (Liquidated Damage) of SCC in Annexure-C.
3	Demobilization of manpower deployed	Within one week of completion of W.O. after obtaining no objection certificate(NOC) from PDN department.

**2. Duration of contract: 12 months from the date of work order.**

PREPARED BY:

*[Signature]*  
19/10/22 - *[Signature]*  
19/10/22

APPROVED BY:

Page 1/2

**Annexure-E BOQ , SCHEDULE OF WORK & FABRICATION PROCEDURE**

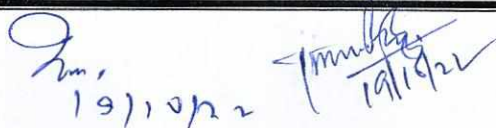
Indent no.:202220337 rev00

**(C) FABRICATION PROCEDURE & SCOPE OF WORK: -**

<b>A</b>	<b>FABRICATION OF SPBD ENCLOSURE:</b>
1	Bending of sheet of required size as per drawing.
2	Cutting/sharing of sheet as per requirement of fabrication.
3	Making of full length of enclosure by joining required no. of bend sheet.
4	Cutting by jig saw, shearing machine and circular saw.
5	Match marking / fit-up and tack welding.
6	Fillet welding + butt welding on bends/profile(s). tap-off(s)
7	Offer for in process inspection (DP & Dimension) by BHEL quality.
8	Dressing and roughing.
9	Offering for final inspection and clearance from BHEL quality through route card for each job separately. Route card to be filled by shop supervisor and contractor.

<b>B</b>	<b>FABRICATION OF SPBD CONDUCTOR:</b>
1	Making of full length of Conductor by joining channels specified in drawing.
2	Marking of for slot(s), cut-out(s), spacer(s).
3	Marking of profile(s) for different degree(s) as per drawing
4	Cutting by Jig Saw / Circular Saw
5	Offer for in process inspection (DP & Dimension) by BHEL/Qly.
6	Dressing & roughing
7	Offering for final inspection and clearance from BHEL/QLY through Route Card for each job separately. Route Card to be filled by shop supervisor of contractor.

PREPARED BY:



APPROVED BY:

Page 2/2

## ANNEXURE-F

## CONTRACTOR'S OBLIGATIONS

Indent no.:202220337 rev00

**(A) CONTRACTUAL**

- a) Contractor shall decide the number of employees to be deployed for execution of the work awarded to him w.r.t of schedule completion of work and he or his authorized representative will be solely entitled to dictate such workers about the manner of carrying out the work as per the prescribed specifications and quality plan.
- b) Contractor shall supervise the work allotted to him and to be carried out by his employees.
- c) Contractor to ensure that the employees deployed in the premises of BHEL are physically and mentally fit and do not have any criminal record. Such employees should possess requisite skill, proficiency, qualification, experience etc.
- d) Contractor to maintain appropriate records of his employees deployed to carry out the job(s).
- e) Contractor should issue appropriate appointment letters to his employees. He has to declare basic pay of salary per day of their employee. Which should not be less than latest minimum applicable wages fixed by the government. Failing to produce the details will lead to hold their payment against their due bills.
- f) Contractor to provide employment card/Identity card with photograph duly verified and attested by the Contractor to his employees. Contractor to indicate the name of the proprietary/partnership firm/company, place of work, contract number and duration of validity of card.
- g) Contractor will be responsible for the good conduct of his employees. In case of any misconduct/misbehavior by any employee, the contractor will replace such employee(s) immediately.
- h) Contractor will ensure that the job is executed through his employees on his rolls and under no circumstances the contractor will deploy any casual employee to carry out the job nor shall subcontract the job without prior written permission by BHEL.
- i) Contractor will keep watch on his employees and he will be liable for any pilferage / loss to BHEL due to acts of omission and commission by his employees. Similarly, liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the contractor shall lie exclusively with him.
- j) Contractor to provide safety appliances and safety shoes to his employees. The contractor shall be responsible for enforcing all safety regulations as applicable. Penalty shall be applicable on subcontractor if safety measure not met by employee.
- k) The contractor has to provide a distinct uniform different from BHEL employees. The Uniform should have logo of the Contractors firm / company. The uniform shall be kept in neat, tidy and wearable condition. Wherever necessary, the Cap shall be integral part of the uniform.

PREPARED BY:

*Jur.*

19/10/22

*Prakash*  
19/10/22

APPROVED BY:

Page 1/3

**ANNEXURE-F****CONTRACTOR'S OBLIGATIONS**


Indent no.:202220337 rev00

- l) Contractor to ensure that all precautions are taken for safety of his employees and equipment.
- m) In the event of termination of contract for any reason whatsoever, the contractor shall withdraw all his employees from the establishment of BHEL. In case contractor decides to terminate services of his employees, he should settle all terminal dues including retrenchment compensation.
- n) Contractor shall provide to his employees all tools, tackles and equipment and maintain the same to carry out the job under the contract at his cost and if necessary contractor may take insurance policy of his men, material, equipment and tools and tackles.
- o) Contractor shall provide safety appliances and maintain the same at his own cost which may be required under the statute or otherwise.
- p) Contractor shall provide material at his cost as mentioned in the contract to his employees for carrying out the job.

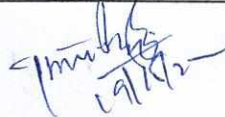
**(B) TOWARDS STATUTORY LIABILITY**

- a) All statutory requirements under Minimum Wages Act, 1948, Payment of Wages Act, 1936, Workmen Compensation Act, 1923, EPF & MP Act, 1952, Payment of Gratuity Act, 1972, ESI Act, 1948, The Contract Labour (R&A) Act, 1970, Payment of Bonus Act, 1965, Income Tax Act, Service Tax Act and all other applicable Acts shall be complied with by the contractor.
- b) Contractor shall comply with all statutory requirements, rules, regulations, notifications in relation to employment of his employees issued from time to time by the concerned authorities.
- c) Contractor shall ensure payment of statutory prescribed minimum wages as applicable from time to time in the presence of authorized representative of BHEL and maintain proper records of their timely disbursement. These records need to be preserved for a period of at least 3 years and should be made available even after the contract is over for any verification by the statutory authorities / BHEL authorities.
- d) Contractor to provide PF pass book to his employees and ensure payment of PF, EDLI, pension dues under EPF & MP Act, 1952 to the RPFC. All contract labours deployed at CFP BHEL Rudrapur under this contract, irrespective of their monthly salary will have to be covered under EPF scheme & ESI scheme under ESI/ EPF Act.
- e) Contractor shall ensure payment of ESI contribution under ESI Act, 1948 and provide ESI membership No./card of each employee.
- f) Contractor shall produce proof of deductions as well as remittances of PF, EDLI, Pension, ESI contribution, administrative charges etc. wherever applicable and shall maintain proper records. Contractor to issue wage slips to his employees.

PREPARED BY:

  
19/10/22

APPROVED BY:

  
19/10/22

Page 2/3

**ANNEXURE-F****CONTRACTOR'S OBLIGATIONS**

Indent no.:202220337 rev00

- g) Contractor shall furnish proper returns to the concerned statutory authorities and provide a copy of the same to BHEL.
- h) Contractor shall be solely responsible for nonpayment/ delayed payment of wages/ DA, contributions under EPF & MP Act, ESI Act etc.
- i) In case the contractor fails to make payment of wages to his employees or remittance of contribution to the concerned authorities, the security deposit/other dues/running bills under the contract can be utilized by BHEL to discharge the liability of the contractor.
- j) Contractor shall indemnify BHEL against all claims and losses under various Labour Laws, statutes or any civil or criminal law in connection with employees deployed by him.
- k) The liability for any compensation on account of injury sustained by an employee of the contractor will be exclusively that of the contractor.
- l) Contractor to obtain insurance cover for his employees / equipment / tools and tackles etc and take third party risk insurance coverage at his own cost. BHEL shall not be responsible for any loss, damage, pilferage of his property and / or his employees.
- m) Contractor should have independent code numbers/ exemptions under EPF & MP Act, 1952 and ESI Act, 1948 and shall cover his employees under the said codes.
- n) Payment of bonus under the Payment of Bonus Act, Payment of gratuity under the Gratuity Act, and retrenchment compensation under Act will be the sole responsibility of the contractor.
- o) Over and above the daily wage rate, payment shall be made for leave with wages.
- p) Contractor shall observe Provisions of the Factories Act in respect of working hours, holidays, rest intervals, leave and overtime to his employee. No work shall be done on second/third shift, overtime, Sundays or on other declared holidays without written permission.
- q) In case a contractor employs women as employee he will discharge his obligation under law in respect of such women workers such prohibition of engaging them during night-hours, prohibition of employing them for more than 9 hours per day, provision of crèche facility, grant of maternity leave as per rules etc.
- r) Contractor shall be responsible for making payment of wages before expiry of 7 days from the last day of wage period and to ensure disbursement of wages in the presence of the authorities' representative of contract operating division who shall record under his signature at the end of entries in the Register of wages.
- s) Contractor to obtain license under CL(R&A) Act, 1970.

PREPARED BY:

*[Signature]*  
19/10/22

*[Signature]*  
19/10/22

APPROVED BY:

Page 3/3

**Annexure-G****PRICE BID AND UN-PRICE BID**

Indent no.:202220337 rev00

**UN-PRICE BID**

(Tender Enquiry No.: \_\_\_\_\_ Dt: \_\_\_\_\_)

SL NO	DESCRIPTION OF WORK	RATE PER KG OF FABRICATION (Rs.)(A)	QTY (kg) (B)	VALUE (Rs.)= AxB
1	As per Scope of work, Fabrication of SPBD enclosure & conductor inside BHEL-Rudrapur.			
	<b>SPBD</b>			
a)	Straight Enclosure and conductor with one inspection window, Two End Flange, & one Heater Terminal Box.		240000	
<b>SUB-TOTAL (Rs)</b>				
SGST @ 6%				
CGST @ 6%				
<b>TOTAL ALL INCLUSIVE VALUE (Rs)</b>				
In Words: Rupees				

- BHEL will Pay addition charges on actual measurement as per Annexure-E, BOQ & Schedule of work.
- We confirm that all the terms & conditions of this tender enquiry are acceptable to us & we have quoted the rates accordingly.
- We confirm that we are aware of the site & the working environment.

(Signature &amp; stamp of bidder)

PREPARED BY:

APPROVED BY: