

Annexure-E BOQ, SCHEDULE OF WORK & FABRICATION PROCEDURE

Indent no.:20210062 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 under following Category			
1	SPBD Straight enclosure and conductor with one inspection window(Three Phase), Two End Flanges, & one Heater Terminal Box.	2,00,000 MT for 2 (two) Stations	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, which are to be manufactured as per loading Annexures and its drawings.

(B) SCHEDULE OF START AND COMPLETION 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.9 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.

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(C) FABRICATION PROCEDURE & SCOPE OF WORK: -

A	FABRICATION OF SPBD ENCLOSURE:
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, sharing 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 inspection and clearance from BHEL quality through route card for each job separately. Route card to be filled by shop supervisor and contractor.

B	FABRICATION OF SPBD CONDUCTOR:
1	Making full length of Conductor by joining channels specified in drawing.
2	Marking for slot(s), cut-out(s), spacer(s).
3	Marking for 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.

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Sl. No.	WE HEREBY ACCEPT THE FOLLOWING CONDITIONS	ACCEPTANCE BY BIDDER
1.	Short closing of contract as per PQR Annexure-D, clause no. 3(c) and as per Special Conditions of Contract annexure- C , clause no. 3 to 6.	Accepted
2.	Contractor to arrange the all the required T&Ps, machines, hand tools, Safety PPEs, listed at sl. no.2.1 of contractor scope of work annexure-A, within 1 week after award of LOI/work order.	Accepted
3.	Contractor to ensure compliance of Sl. no. (A) and (B) of Contractor's Obligation as per Annexure-G.	Accepted

(Signature of bidder with seal)

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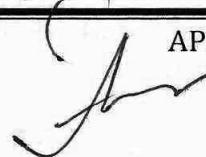
(A) CONTRACTUAL

- 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 sub-contract 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.

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- i) 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.

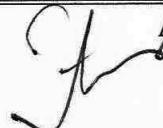
(B) TOWARDS STATUTORY LIABILITY

- 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.

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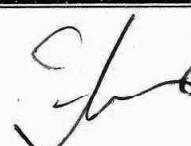
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- g) Contractor shall furnish proper returns to the concerned statutory authorities and provide a copy of the same to BHEL.
- h) Contractor shall be solely responsible for nonpayment/ delayed payment of wages/ DA, contributions under EPF & MP Act, 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.

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PRICE BID

(Tender Enquiry No.: ----- Dt: -----)

SL NO	DESCRIPTION OF WORK	RATE PER KG OF FABRICATION (Rs.)(A)	QTY (kg) (B)	VALUE (Rs.)= Ax B
1	As per Scope of work, Fabrication work for enclosure & conductor inside BHEL, Rudrapur with the help of skilled, semi-skilled & unskilled workers supplied by contractor on per kg basis.		0.22	
	SPBD		0.22	
a)	Straight Enclosure and conductor with one inspection window, Two End Flange, & one Heater Terminal Box.	1	200000	
<i>0085</i>				SUB-TOTAL (Rs)
<i>0085</i>				SGST @ 6%
<i>0085</i>				CGST @ 6%
<i>0085</i>				TOTAL ALL INCLUSIVE VALUE (Rs)
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 & stamp of bidder)

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Annexure-H2

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 work for enclosure & conductor inside BHEL, Rudrapur with the help of skilled, semi-skilled & unskilled workers supplied by contractor on per kg basis.			
	SPBD			
a)	Straight Enclosure and conductor with one inspection window, Two End Flange, & one Heater Terminal Box.		200000	
<i>200000</i>				SUB-TOTAL (Rs)
<i>0</i>				SGST @ 6%
<i>0</i>				CGST @ 6%
<i>0</i>				TOTAL ALL INCLUSIVE VALUE (Rs)
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 & stamp of bidder)

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