

ANNEXURE-A - 2023OVM018									
BHARAT HEAVY ELECTRICALS LIMITED, TIRUCHIRAPPALLI									
OUTSOURCING									
Pre Qualification Requirements for CEILING GIRDER									
Supplier Name:									
Office Address:									
Factory Address:									
Contact details (Email id & Phone Number):									
Part-A - (Mandatory)									
Minimum experience required for qualifying suppliers:								Document to be submitted during offer and shown during spot assessment	Media to be used during Spot Assessment (Remote)
01	Report of past experience in fabricating similar jobs (Min 20 MT as assembly using plate above 40 mm thro' SAW process) for power projects of at least 250MW / other projects' structures accompanied by P.O copies, inspection report with dimensions issued by customer (or) client or track record for at least 2 BHEL - POs or 100MT completion for Auto welded Beams/Buckstays.							PO copies, IR copies signed by customers, job final acceptance reports, etc	Scanned document through screensharing in PC/Laptop; Originals may be kept along to show in mobile camera if required.
Part-A1									
Sl No	Paramter for evaluation	Minimum Required	Mandatory*	Details of facility available with Supplier (Supplier to fill this column)	Actual Observed in Assessment (BHEL use)	Remarks (BHEL Use)	Ok/Not Ok (BHEL Use)	Document to be submitted during offer and shown during spot assessment	Media to be used during Spot Assessment (Remote)
LAND DETAILS :									
1	Land area (If land is taken under lease, registered lease deed for 3 yrs period is required)	0.9 acres	M					Land documents (preferably in English)	Scanned document through screensharing in PC/Laptop
2	Fencing/Compound wall	All around	M					NIL	At factory/shop floor through mobile camera
3	Covered shed	18m x 40m or 720 sq.m with minimum width of 18 m; minimum height between ground to bottom base of crane - 8 m	M					NIL	At factory/shop floor through mobile camera
EB POWER									
4	Power capacity	100 HP (3 phase)	M					Latest EB Bill or Load demand authorization by EB officials	Scanned document through screensharing in PC/Laptop
HANDLING FACILITIES									
5	Material handling crane facility with valid stability certificate	<p>Any one of the following combination of Crane capacities is to be available with subcontractor:</p> <p>A. EOT/Gantry Cranes: Single crane of minimum 80 MT SWL capacity (Mandatory) or Combination of maximum two cranes with minimum SWL capacity of either of the cranes should be 30 MT. Total combined minimum SWL capacity should be 80 MT(Mandatory)</p> <p>B. Mobile/Crawler Cranes: Single Crane of minimum 160 MT SWL Capacity or Combination of maximum two cranes is acceptable. In such case, minimum SWL capacity of either of the cranes should be 60 MT. Total combined minimum SWL capacity should be 160 MT(Mandatory)</p> <p>C. Combination of EOT/Gantry and Mobile Cranes: Combination of maximum two cranes is acceptable. To consider weight to be handled as 80 MT.</p> <p>i) If SWL capacity of EOT/Gantry is 30 MT, then minimum SWL capacity of Mobile/Crawler Crane required is 100 MT (Mandatory)</p> <p>ii) If SWL capacity of EOT/Gantry higher than 30 MT, then minimum SWL capacity of mobile crane required is two times of load to be handled by Mobile/Crawler Crane.</p> <p>Illustration : If SWL of EOT/Gantry is 40 MT, then balance load to be handled by Mobile/Crawler crane is 40 MT. In such case, min SWL capacity of Mobile/Crawler crane required is 80 MT (i.e. 2 x 40 MT)</p> <p>Caution: Safety of manpower, product & equipment are to be fully ensured by the subcontractor.</p>	M					Stability Certificate for the cranes	Stability certificate: Scanned document through screensharing in PC/Laptop Cranes: At factory/shop floor through mobile camera; working condition and SWL marking in crane to be shown

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	SPECIFIC MACHINES :								
6	Auto welding M/C(SAW) with track facility and 45 degree fixtures	2 Nos, Min 800 amps, track of min 20 mtr continuous length	M					Calibration Certificates	Calibration certificate: Scanned document through screensharing in PC/Laptop AW machines: At factory/shop floor through mobile camera; working condition and track length to be shown
7	(SMAW)Welding M/c 400 Amps Inverter	5 Nos	M					NIL	At factory/shop floor through mobile camera; working condition to be shown
8	Pre heating & post heating	Burner with minimum length of 15 m.							
9	Post welding heat treatment facilities (Electrical resistance heating upto 40 mm and induction heating above 40 mm)	Inhouse / Outsourced - BHEL approved source							
	OVEN:								
10	Flux baking oven (1 No. for each SAW Auto-welding work station)	2 Nos	M					Calibration Certificates	Calibration certificate: Scanned document through screensharing in PC/Laptop Ovens: At factory/shop floor through mobile camera; working condition to be shown
11	Electrode baking oven	1 No	M						
12	Electrode holding oven	1 No	M						
13	Flask Oven	3 Nos	M						
	INSPECTION FACILITIES								
14	MPI Unit with calibration block (Prod type - 1000 A)	Inhouse / Outsourced (from BHEL approved source only)							
15	LPI Kit	1 Set							
16	Level II LPI/MPI qualified Personnel with valid certificate	1 Person for each type.	M					Qualification certificate	Qualification certificate: Scanned document through screensharing in PC/Laptop
17	UT/RT facility with qualified personnel	Inhouse / Outsourced - BHEL approved source only	M					Agreement for Outsourcing with the approved source	Agreement copy: Scanned document through screensharing in PC/Laptop If inhouse facility
	MEASURING INSTRUMENTS								
18	Tape 3m,5m,20m *	each 2 Nos							
19	Vernier caliper 0-200mm	1 No							
20	Feeler gauge	1 No							
21	Weld fillet gauge 25 MM	1 No							
22	Try square	1 No							
23	Spirit level	1 No							
24	Water level checking arrangement	1 No							
25	DFT Meter for painting	1 no							

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	CUTTING & DRILLING MACHINE:								
26	Bug cutting machine	2 Nos							
27	Manual gas cutting torch	2 Nos							
28	Drilling machine - Column Assembly	Radial / Column drilling machine - 1 no, Portable (Magnet type) - 2 Nos	M					NIL	At factory/shop floor through mobile camera; working condition to be shown
	GRINDING MACHINE								
29	Bench Grinding	1 No							
30	Manual / portable grinding machine (AG)	2 Nos							
	PAN & GST :								
31	IT Pan Card No	Original to be offered for verification	M					Original PAN card	Original to be shown through mobile camera
32	GST No	Original to be offered for verification	M					GST Certificate	Scanned document through screensharing in PC/Laptop
	BLASTING & PAINTING								
33	BLASTING & PAINTING FACILITY (If Inhouse submit the checklist for blasting and painting. Download checklist from https://supplier.bhel.in)	Inhouse / Outsourced from BHEL approved source.	M					Agreement for Outsourcing with the approved source	Agreement copy: Scanned document through screensharing in PC/Laptop If inhouse facility: At factory/shop floor through mobile camera; requisite documents through screensharing in PC/Laptop
	OFFICE ROOM :								
34	Office room with 2 PC / LAPTOP , internet facility and printer	Must	M					NIL	Inhouse facility: through mobile camera
	MATERIAL ACCOUNTING (For OVM)								
35	Raw Material Clearance System	Day Book Entry system or likewise.	M					Day book or raw material tracking records	Scanned document through screensharing in PC/Laptop
36	Raw Material Testing	Access to testing labs of BHEL or any other NABL approved lab	M					Raw material testing certificates	Scanned document through screensharing in PC/Laptop
<p>* Items marked as mandatory with "M" indicator must be available with the bidder, and physical availability (in proper working condition wherever applicable) should be shown by the bidder to BHEL at the time of spot assessment carried out by BHEL during bid evaluation stage. Non-availability of any of these facilities shall lead to disqualification of the bid submitted by the bidder.</p> <p>For items not marked with "M" indicator, availability of facilities during bid evaluation stage itself is preferred; non-availability of these facilities shall not lead to disqualification of bid submitted by the bidder.</p> <p>However, an undertaking shall be submitted by the bidder to ensure availability of these facilities before proceeding with execution of purchase orders placed by BHEL. Non-availability of these items at the time PO execution may lead to termination of Purchase Orders and/or contract abiding by the respective termination clauses given in the NIT.</p> <p>NOTE_1:</p> <p>A. Items in SI.no: 6, 12 to 16, 19 to 22 (Tapes - one time calibration) must have valid calibration certificate from any NABL accredited lab.</p> <p>B. For outsourced facilities, earlier executed POs or valid agreement for facility tie-up with BHEL approved source must be produced.</p> <p>C. For mobile cranes under lease, valid lease document must be produced at the time of spot assessment.</p>									

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Part - B (Optional)									
1	Standby Generator	--							
	Capacity (HP)	--							
	Owned or On rent/hire	--							
Part-C: Final Recommendation (for BHEL use only)									
Recommendation after checklist verification:									
Date of spot assessment:									
Recommendation after spot assessment:									
Assessor.1 (Spot assessment):			Assessor.2 - (Spot assessment):						
NOTE_2:									
01	Part-A, A1 requirement is a must for qualifying the vendor. Hence, filling up all evaluation parameters is a must and all mandatory facilities shall be available at the time of spot assessment								
02	Part-B is only optional and need not be considered for disqualifying the vendor.								