

Scope of Enquiry

**Item Name:** DC JOP, DC EOP & DC SOP Starter, JB for Generator Instrumentation and Mand spares for DC starter  
**Projects:** Sagardighi Project 660 MW

E-bids on GeM are invited from bidders for the supply of DC JOP, DC EOP & DC SOP Starter, JB for Generator Instrumentation and Mand spares for DC starter for Sagardighi Project, as per requirement mentioned below:

Sl. No.	Material Code & Item Description	Total Quantity (set)	Lot No.	Date for Supply Completion
<u>1</u>	<b>W96415210947,</b> SUPPLY JUNCTION BOX FOR GENERATOR INSTRUMENTATION, WITH 2.5 MM.SQ CONTROL CABLE AS PER DRG NO 41811901036	1 No.	1	30.09.2023
<u>2</u>	<b>W96415210904,</b> DC.SOP- DC SEAL OIL PUMP STARTER FOR 15KW (114A) DC MOTOR WITH 2.5 MM.SQ CONTROL CABLE AS PER DRG NO 41811901035, SPEC: TG60667 REV: 03	1 SET	1	30.09.2023
<u>3</u>	<b>W96415210890</b> DC.EOP- DC EMERGENCY LUBE OIL STARTER FOR 21KW DC MOTOR WITH 2.5 MM.SQ CONTROL CABLE AS PER DRG 41811901034 , SPEC: TG60667 REV: 03	1 SET	1	30.09.2023
<u>4</u>	<b>W96415210882</b> DC JACKING OIL PUMP STARTER CABINET FOR 90KW DC MOTOR WITH 2.5 MM.SQ CONTROL CABLE AS PER DRG NO 41811901033 SIZE 1000(W)800(D)2100(H) APPOX SPEC: TG60667 REV: 03	1 SET	1	30.09.2023
<u>5</u>	<b>W96415210920,</b> MANDATORY SPARES FOR DC STARTER AS PER DETAILS IN ANNEX 418119F7502, SPEC: TG60667 REV: 03	1 SET	2	31.03.2024

- A. **EARNEST MONEY DEPOSIT (EMD):** EMD shall be as per clause no. 4 (xiii) of General terms and conditions on GeM 4.0 (Version 1.6). Interested vendors must submit their e-bid along with the proof of submission of following Earnest Money Deposit (EMD) details in GeM portal.

Details	Amount In INR	Type
EMD	60,000.00	Refundable

**Buyers Specific Additional Terms & Conditions**  
**Projects: Sagardighi U-5: 660 MW**

Sl. No.	Terms	Description	Your confirmation
1.	Confirmation to compliance of General terms and conditions on GeM 4.0 (Version 1.6)	General terms and conditions on GeM 4.0 (Version 1.6) or subsequent rules/policies issued by GeM shall be applicable.  Please confirm.	
2.	Public Procurement (Preference to Make in India)	For this procurement, the local content to categorize, a supplier as a 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), PPP-MII Order No. P-45021/ 2/ 2017-PP (BE-II) dtd. 04/06/2020 issued by DPIIT. In case of subsequent Orders issued by the respective 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.  Vendor to submit tender specific self-certificate in line with PPP-MII Order No. P-45021/ 2/ 2017-PP (BE-II) dtd. 04/06/2020 clearly indicating percentage of local content. <b>Please Confirm &amp; provide the same.</b>	
3.	Pre-Qualification Requirements (PQR)	The Pre-Qualification Requirements have been compiled and placed at ANNEXURE-1. All the bidders should ensure submission of complete details and documents as called for in these requirements. The Offers submitted by the bidders would be scrutinized with respect to Pre-Qualification Requirements first. Techno-Commercial offer of only those bidders shall be evaluated who meet the Pre-Qualification Requirements.	
4.	Special Instruction of Technical requirement	The requirement of DC.SOP, DC JOP & DC.EOP Panels, Supply Junction Boxes for Generator Instrumentation and Mandatory Spare for DC starter as per details list for Sagardighi Project. Schematic Drawings of all the panels & specification no. TG60667 rev-03 shall be provided on submission of FCA (format enclosed with item catalogue).  Test and Guarantee certificates are required to be submitted. Please confirm.  Please confirm that relevant BHEL specification no. TG60667 Rev 03 is followed for concerned items of the enquiry.  Please confirm that following schematic drawing/ details are followed: - Drg. No. 41811901033 for DC JOP starter panel for 90 KW DC Motor Drg. No. 41811901034 for DC EOP starter panel for 21 KW DC Motor, Drg. No. 41811901035 for DC SOP starter panel for 15 KW (114A) DC Motor, Drg. No. 41811901036 for supply Junction box, Annex- 418119F7502 for Mand spares,  Vendor to provide 5 no. hard copies of operation & maintenance (O & M) manual along with supplies. 2 no. hard copies & soft copy of O & M manual to be sent to BHEL Haridwar. Please confirm.  <b>All Control Cables shall be 2.5 SQ MM Copper. Please confirm</b>  All items against mandatory spares are to be packed separately in green colored box(es). Mand. Spares should be packed and dispatched separately. Mandatory spares must be marked along corner of box.	
5.	Specification confirmation	Kindly confirm that quoted offer by you have been complied all technical requirements as given in tender documents and submit all documents to BHEL as per tender specifications and drawings without any deviations.	

6.	Sharing of Specifications & drawings	Bidders shall submit endorsed copy of attached FCA at email id <a href="mailto:adesh@bhel.in">adesh@bhel.in</a> or <a href="mailto:sagargupta@bhel.in">sagargupta@bhel.in</a> to get soft copy of Specifications & drawings. BHEL –HEEP registered PMD vendors for the items of this enquiry will not require to provide signed FCA to get the confidential drawings/specifications.											
7.	Price basis & Evaluation Currency	Prices should be quoted on F.O.R. Destination up to Sagardighi Project basis i.e. including freight, packing & forwarding charges, GST etc. Please mention here the applicable GST rate included in the price quoted by you.  <b>The evaluation currency for this tender shall be INR.</b>											
8.	Transit Insurance	Transit insurance shall be arranged by BHEL and not to be included in the prices.											
9.	Evaluation criteria	Evaluation will be done on the basis of total landed cost to BHEL, with cost involved for delivery up to BHEL Sagardighi project site (considering ITC). Bidders to insure applicability of ITC on Gem portal.											
10.	Payment Terms	<table><tr><td colspan="2">The payment term shall be done after issue of consignee receipt-cum acceptance certificate (CRAC) as per the below details:</td></tr><tr><td>Type of Bidder</td><td>Payment Terms (Number of Days)</td></tr><tr><td>Micro &amp; Small Enterprises (MSEs)</td><td>45 days</td></tr><tr><td>Medium Enterprises</td><td>60 days</td></tr><tr><td>Non MSME</td><td>90 days</td></tr></table>	The payment term shall be done after issue of consignee receipt-cum acceptance certificate (CRAC) as per the below details:		Type of Bidder	Payment Terms (Number of Days)	Micro & Small Enterprises (MSEs)	45 days	Medium Enterprises	60 days	Non MSME	90 days	
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11.	Document submission for approval from BHEL	Drawings/Data sheets/Documents/Type Test/ Quality Plan etc. as called for in the specifications shall be submitted for approval to BHEL for BHEL/customer approval within 30 days of purchase order. Approved documents/QP are to be followed by the supplier without any price implication. Any delay in delivery on account of late submission of drawings/data sheets/QAP/documents shall be to vendors account. BHEL will arrange the approval of the drawings/data sheets/ documents within 30 days of their receipt provided those are complete in all respect. Delays in approval shall be dealt on merit basis.											
12.	MDCC clause	Material shall be dispatched only after issue of material dispatch clearance certificate (MDCC) by BHEL. All test certificates and relevant documents are to be sent to BHEL before dispatch of material for issue of MDCC, which will be issued after review of test certificates etc. MDCC will be issued within 07 days of receipt of these documents once found complete in all respects. In case of any delay on account of BHEL in issuing MDCC, delivery shall be extended by no. of days in excess of 7 days taken by BHEL in issuing MDCC and delays shall be dealt on merit basis. Material is to dispatched within 07 days of receipt of MDCC from BHEL without waiting for PO amendment.											
13.	Quality Requirements	Vendor has to confirm for inspection by BHEL/BHEL TPIA M/s. Intertek and Sagardighi customer as per BHEL and Sagardighi customer approved quality plan. Vendor to submit endorsed copy of attached BHEL SQP for dc starter (QA/BE/QP/304/SDG) and Supply JB for Generator Instrumentation (QA/BE/QP/ 305/SDG) along with offer.  After ordering, same quality plans will be send to Sagardighi customer for final approval. Vendor to confirm to follow terms and condition for inspection as finally BHEL and Sagardighi customer approved quality plans											
14.	Customer approval Condition	Please note that procurement shall be done only from the vendors approved by end customer. BHEL will propose name of PQR qualified vendors along with credentials to end customer for their approval, however, approval of vendors is sole discretion of end customer. Offers of only those vendors will be considered whose approval shall receive from customer before opening of price-bids.  Vendor to provide unpriced PO copy of prior experience for supplying the enquired item to BHEL. If same is not available, vendor to provide their credentials (company profile, organization chart, manufacturing facility, testing facility, supply experience list, end user certificate, product catalogue (if available), list of sub suppliers, process flow chart) for Sagardighi customer approval.											

15.	<b>Guarantee</b>	Kindly confirm that all equipment shall be guaranteed for a minimum period of 18 months from the date of supply or 12 months from the date of commissioning, whichever is earlier.	
		Please note that offers with guarantee period lesser than above mentioned guarantee period may result in rejection of the offer.	
16.	<b>Manufacturing clearance</b>	In case of ordering, vendor has to take manufacturing clearance from BHEL before starting manufacturing of material. No manufacturing is to be started without getting clearance from BHEL. Kindly confirm.	
17.	<b>Manufacturing Period</b>	Kindly quote your minimum <b>delivery period in no. of weeks/months</b> from the date of issue manufacturing clearance.	
18.	<b>Liquidated Damages</b>	If the Seller/Service Provider fails to deliver any or all of the Goods/Services within the original/re-fixed delivery period(s) specified in the contract, the Buyer will be entitled to deduct/recover the Liquidated Damages for the delay, unless covered under Force Majeure conditions aforesaid, @ 0.5% of the contract value of delayed quantity per week or part of the week of delayed period as pre-estimated damages not exceeding 10% of the contract value of delayed quantity without any controversy/dispute of any sort whatsoever.	
		The date of LR (Lorry Receipt) would be treated as the date of delivery for penalty purposes.	
19.	<b>Arbitration:</b>	In case of any dispute arising out of as in connection with this contract, the same shall be referred to arbitration under Arbitration & Conciliation Act 1996 of a sole arbitrator who shall be appointed by mutual consent of the parties. The seat & venue of arbitration shall be Haridwar. The proceedings shall be conducted in English. The Governing law of contract shall be the substantive law of India.	
20.	<b>Risk Purchase:</b>	In case of abnormal delays (beyond the maximum late delivery period as per Penalty clause) in supplies /defective supplies or non-fulfillment of any other terms and conditions given in Purchase Order, BHEL may cancel the Purchase Order in full or part thereof, and may also make the purchase of such material from elsewhere /alternative source at the risk and cost of the supplier. BHEL will take all reasonable steps to get the material from alternate source at optimum cost. If bidder does not agree to the above Risk Purchase Clause, BHEL reserves the right to reject the offer. In case for compelling reasons BHEL accepts the offer without acceptance of this clause by the bidder and in the eventuality of Risk Purchase, appropriate action will be taken as per BHEL extant rules. This will be without prejudice to any other right of BHEL under the contract.	
21.	<b>Firm prices</b>	Price will remain firm and fixed during entire execution of tender/supply.	
22.	<b>Gem Charges:</b>	GeM user charges (i.e. for buyers & sellers) for the various transaction on GeM portal as decided and notified on the GeM portal would be either side. (for information)	
23.	<b>BID to RA</b>	Bid to RA will be conducted as per GeM NIT (For information)	
24.	<b>Bidder Contact details</b>	Contact details of your representative: Mobile no. & Email id (minimum 2 person) 1. 2.	

## PRE-QUALIFICATION REQUIREMENT (PQR) FOR DC Starters & Supply JB

**Application:** DC.JOP, DC.EOP, DC.SOP are required for starting of DC Compound Motors in power plant for pumping oil. **DC Starter panel** houses various power devices such as line contactor, thermal overload relay, switch Disconnector unit, fuses, shunt & ammeter, signaling lamps etc. for reliable operational start of the DC pump motor. Supply JB comprises of PSU, safety barrier etc and provides supply to Generator instruments.

Items: As per following list: -

DC.JOP- DC Jacking Oil Pump Starter Panel,	Material code W96415210882,
DC.EOP- DC Emergency Oil Pump Starter Panel	Material code W96415210890
DC.SOP- DC Seal Oil Pump Starter Panel	Material code W96415210904
Supply JB for generator instruments	Material code W96415210947
Mandatory Spares (418119F7502)	Material code W96415210920

Pre - Qualification Requirement	Vendor's Response
(a) Bidder shall be regular supplier of Power Distribution Board/ MCC. In support BIDDER to provide PO copies for supply of total 20 nos. or more panels in last 3 years from Date of Enquiry.	
(b) Bidder must have supplied PDB/ MCC with at least 2 modules of motor starter with motor current 150A or more. Bidder to provide supporting document.	
(c) Bidder shall be able to supply all items i.e DC Starters and Supply JB. Bidder to confirm (BOM and schematic of all panels is provided by BHEL along with the enquiry)	
(d) In DC.JOP starter vendor shall be required to mount Double pole 600A, DC contactor (weight 24 kg appox). Vendor to note and confirm.	
(e) Bidder shall have facility for HV (up to 2kV) and IR for 220V DC starter testing. Bidder to confirm	
(f) Bidder shall be able to produce IP54 Type test certificate of bare cabinet on placement of order. Bidder to confirm.	
<b>Note:</b> Bidder to confirm specific compliance wherever asked. BHEL reserves the right to verify information submitted by Bidder. In case the information is found false/ incorrect/ incomplete, the offer shall be rejected.	