

Item Rate BoQ

Price Format

Item: Reversible Stacker cum Reclaimer package as per Technical Specifications and Terms & Conditions for 2X660 MW Talcher Thermal Power Project Stage III

Enquiry No: 77/22/xxxx/RRC

Name of the Bidder Bidding Firm / Company :

PRICE SCHEDULE								
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)								
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER #		
Sl. No.	Item Description	Quantity	Units	Unit EXW price (inclusive of packing & forwarding charges, any other taxes and duties excluding GST) Rs. P	Total Freight Charges, Rs.	TOTAL Price including any other taxes and duties excluding GST, Rs.	HSN/SAC Code	Rate of GST
1	2	4	5	13	16	53		
1	SUPPLY part comprising of design (i.e. preparation and submission of drawing / documents including As Built drawings and O&M manuals), design , engineering, manufacture, fabrication, assembly, inspection & testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, mandatory spares , spares for erection, start-up and commissioning as required, fill of lubricants & consumables and till COD of the units, forwarding, proper packing, shipment and delivery at site for project and package complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.							
1.1	Complete Reversible bucket wheel Stacker cum Reclaimer Machine with accessories (including Design, Engineering, Manufacturing, Inspection, Supply with Mechanical and electrical and C&I accessories as per the scope mentioned in technical enquiry specifications, Rails & rail fixture for machine , including belting for boom conveyor, belt weigher, end stops, storm anchors, air conditioning for operator cabins, all electricals, hydraulic drives ( as applicable ) , with complete accessories , all Electrical and C&I items required for Machine as per NIT specifications.	1.000	Sets			0.000		
1.2	Machine Mounted DS system for Reversible bucket wheel Stacker cum Reclaimer Machine	1.000	Sets			0.000		
1.3	Stockyard management system shall be provided complying completely with the requirements as per NIT specification and C&I Annexure to sub section A-20, Part-B consisting of : a) 3D Coal Stockpile Mapping and Visualization b) Hotspot Detection system and interfacing for automatic Sprinkler Operation c) Readiness for Unmanned Operation of Reversible Stacker & Reclaimer Machine d) Operating modes for Reversible Stacker & Reclaimer Machine in Stockyard Management System e) Features of Automatic operation f) CCTV g) Interfacing with Other Systems and Packages at Site h) System Hardware i) Online Healthiness Monitoring of Reversible S. Conveyer of Reversible Stacker & Reclaimer Machine.	1.000	Lot			0.000		
2	Mandatory Spares as per list specified in the specification.							
2.1	Mechanical Mandatory spares for Stacker Reclaimer Machine ( as per Annexure-7) Note: 1 : - " If any item appears in more than one place same shall be considered by the bidder irrespective of duplicity and price shall be considered accordingly. Note2 : " Bidder shall not indicate 'Not applicable' against any of the spare (except for those items for which 'if applicable' is specified). In case of not applicability, functionally equivalent spare to be mentioned with price in the relevant price schedules"	1.000	Lot			0.000		
2.2	Electrical and C&I Mandatory spares for Stacker Machine ( as per Annexure-7) Note: 1 : - " If any item appears in more than one place same shall be considered by the bidder irrespective of duplicity and price shall be considered accordingly. Note2 : " Bidder shall not indicate 'Not applicable' against any of the spare (except for those items for which 'if applicable' is specified). In case of not applicability, functionally equivalent spare to be mentioned with price in the relevant price schedules"	1.000	Lot			0.000		
3	INSTALLATION SERVICES, ERECTION & COMMISSIONING, PG TEST, O&M, AMC							
3.1	Installation Services of Complete REVERSIBLE BUCKET WHEEL STACKER CUM RECLAIMER MACHINE including all equipment/sub-systems as per scope defined in NIT specification comprising of receipt, unloading, handling, transportation & storage at site, lifting/shifting to closed/open storage, in-site transportation, to make approach road wherever required, Round the clock security at open storage yard , closed storage shed & erected material till completion of work, assembly, complete Erection, alignment, carrying out Pre-Commissioning, Commissioning, trial run at site and carrying out Performance Guarantee Tests, Reliability Test Run, Smart Project Management system ( as defined in the enquiry specification), Functional/Demonstration tests at site (As applicable obtaining Provisional Acceptance Certificate (PAC), Final Acceptance Certificate (FAC) and handing over of REVERSIBLE BUCKET WHEEL STACKER CUM RECLAIMER MACHINE including equipment & sub-systems ,complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	1	Lot			0.000		
3.2	Construction of temporary open storage yard and closed storage shed as per specification for storing the items/ sub-assemblies of BUCKET WHEEL STACKER CUM RECLAIMER MACHINE despatched to site.	1	Lot			0.000		
3.3	Touch- Up painting at site after erection.	1	Lot			0.000		
4	Safety Training: After the design and installation are developed and supervised by qualified engineers familiar with recognized safety features and requirements, the next priority should be personnel training. Operating and maintenance personnel and their supervisors should be initially and then periodically retrained in safe operating procedures, recognizable hazards, precautions and the maintenance of a safe work place. Accordingly, Contractor to provide the list of proper tools and tackles to operate and maintain the machine in an adequately safe condition. Employees should be made aware of, and forbidden to enter, hazardous areas. The training proposal by contractor must include safety training module for site personnel.	1	Lot			0.000		
5	TRAINING MODULE for Reversible Stacker Reclaimer machine comprising following aspect: The Successful Bidder shall conduct training of engineers of the Owner on engineering, operation and maintenance of the Machine at the Successful Bidder's or Associates or Sub Vendor's premises where adequate training facilities are available during the design and manufacturing stage of the successful bidder. - Product design - Basic design features - Theory & principle of operation - Latest technological trends in Stacker Reclaimer Machines and design Plant Visit - Plant Visit - Operational feedback - O&M history/problems related to Stacker Reclaimer Machines - Visit to Manufacturer's Work - Manufacturing process of Stacker Reclaimer Machines - Testing facilities - Operation & Maintenance of Stacker Reclaimer Machines - Trouble shooting and fault analysis - Familiarization of special maintenance techniques - Special tool and tackles familiarization - Stock Yard Management System	1	Lot			0.000		
6	Operation & Maintenance of Reversible BUCKET WHEEL STACKER CUM RECLAIMER MACHINE ( shifts as defined in the specification)	60	shifts			0.000		
7	Comprehensive Annual Maintenance Contract: The contractor shall provide comprehensive Annual Maintenance Contract (AMC) for 3 years after completion of defect liability period (warranty). This shall cover total maintenance of hardware & software related to Stockyard Management System & shall include free repair/replacement of all components/cables/equipment etc. In case, any part of the system/ equipment is to be taken out for servicing / calibration etc., then substitute equipment / device shall be available at plant up to end of AMC period so that at no stage operation of Stacker / Reclaimer machine and Stockyard management system is affected in anyway. The above shall also include provision of software updates for software & database servers including OS security updates & firmware upgrades. During AMC period, the contractor's engineers shall reach site within 48 hours of reporting of the complaint.	1	Lot			0.000		
Total in Figures						0.000		

Quoted Rate in Words		INR Zero Only		
Notes				
1.0	Price for items/ works which are not specifically mentioned in the above BOQ but are covered in the scope of work as per the tender specifications/ terms & conditions, shall be included in the price quoted above.			
2.0	This shall be read in conjunction with the description given in detailed Scope of work and the complete technical specifications along with all the terms & conditions of the tender. Bidder is urged to go through the detailed Technical Specification, terms & conditions carefully and understand completely. No deviation/ No extra claim shall be entertained later on after submission of offer/ during execution of the order. The above BOQ shall not be considered as scope of work. Scope of work shall be as per the tender specifications.			
3.0	Price evaluation shall be done as per relevant clause of Notice Inviting Tender (NIT).			
4.0	Price shall be quoted separately for each line item in the above format.			
5.0	All import implications like applicable Basic Customs Duty, Education cess, anti-dumping duty, safeguard duty etc. shall be included in the basic price. Details as per the Special Conditions of Contract (SCC).			
6.0	E&C Charges[st.no 3.1+3.2+3.3] should be minimum 20% of the total quoted price of main equipment supply (L1+1.2+1.3 ) including freight & excluding GST failing which the break-up of prices shall be adjusted accordingly for ordering			
7.0	Bidder to indicate the unit prices separately for each item, without unit price bidder's offer may get rejected. No flower bracket is allowed.			
8.0	Items/ equipment mentioned in the Price format doesn't indicate comprehensive scope of work & nor exhaustive and this price format must be read in conjunction with BHEL's enquiry specification (along with all enclosures therein), subsequent correspondence & MOM (Mechanical & Electrical) if made with the bidder.			
9.0	All Electrics, C & I which are required for completion of the system under this package in totality, shall be in bidder's scope of supply & works.			
10.0	Above quoted price is deemed to be inclusive of the supply of all consumables, flushing oil, first fill and topping up of oil till completion of PG test/ handing over, final painting after erection etc.			
11.0	Above quoted price is deemed to be inclusive of all equipments & item , accessories, hardware, foundation bolts, gaskets, couplings, grouting materials, painting, shim plates etc. including all electrical & instrumentation, items required for completing the system, other than specifically mentioned under exclusions.			
12.0	Above quoted price is deemed to be inclusive of design, engineering, detail engineering, manufacturing, inspection, supply, transportation, unloading receipt at site , construction of store & storage at site , security, erection & commissioning, handing over , demonstration of performance guarantee and safe operation of the equipment as required.			