



Project: NTPC Patrattu STPS (3 X 800 MW)

CORRIGENDUM NO. 2 dt. 7-3-22

STACKER CUM RECLAIMER Package
PVUNL Patrattu STPS (3 X 800 MW)

Tender Ref. No.
Enquiry No.
77/21/6111/JRK Dated
14-02-2022

Please note the following point

Sl. No.	Event Description	TO NOTE
1	Techno-commercial	Corrigendum -2 issued for the following: 1. Due date for bid submission - extension upto 14th March, 2022
2	All other terms & conditions	Remain unchanged.

Note:

Also, please note that the full tender document can be downloaded from the website
<https://eprocurebhel.co.in/nicgep/app>

Contact Person:	
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All other terms and conditions remain the same as per the original enquiry and it's subsequent amendment / addendum / corrigendum /clarification.

Any further addendum / corrigendum/ clarification/ notice of due date extension such issued shall be part of the bidding documents and this will be available at the web site from where the original documents have been received / downloaded by the bidder.

Hence bidders are requested to visit the web site on regular basis.



Project: NTPC Patrattu STPS (3 X 800 MW)

**CORRIGENDUM
NO. 1 dt.
07.03.2022**

**Machine Package (Package A)-Bucket
Wheel Stacker cum Reclaimer
3X800MW PVUNL, Jharkhand State**

**Tender Ref. No.
Enquiry No.
77/21/6111/JRK Dated
14-02-2022**

Please note the following point

Sl. No.	Event Description	TO NOTE
1	Techno-commercial	Corrigendum -1/Clarifications issued for the Technocommercial pre-bid queries of bidders
2	All other terms & conditions	Remain unchanged.

Note:

Also, please note that the full tender document can be downloaded from the website <https://eprocurebhel.co.in/nicgep/app>

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All other terms and conditions remain the same as per the original enquiry and it's subsequent amendment / addendum / corrigendum /clarification.

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Hence bidders are requested to visit the web site on regular basis.

Purchaser - BHEL - ISG

Project - 3X800MW PVUNL, Jharkhand State, Machine Package (Package A)-Bucket Wheel Stacker cum Reclaimer Machine

Enquiry Reference Number - Enquiry No: 77/21/6111/JRK

Consolidated replies by BHEL for prebid queries (Commercial) by vendors

S.No.	Document No.	Clause No.	Page No.	BHEL Requirement / Existing	Clarification	BHEL Response / to be read as
1	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	19	7 of 37	Payment Terms 5+70+5+10+5+5	We request to accept the below proposed payment terms 1. 10% Advance against ABG 2. 5% Against Submission of Drawings 3. 5% Against Approval of Drawings 4. 65% of basic price of materials supplied, as per approved billing schedule, along with 100% GST (as applicable), shall be payable against clean receipted LR/ proof of receipt at site on pro-rata basis for Indian Vendor 5. Five percent (5%) of basic price of materials supplied will be released progressively on pro-rata basis after receipt of Material Receipt Certificate (MRC) from BHEL project site engineer/RM. LR copy, bill of entry, original 6. Five (05%) of total basic price of materials will be released against Trial Operation 7. Five percent (05%) of the total basic price of materials (main supply) of respective machine shall be released after submission of all final documents as per Technical Specifications and successful completion of the Performance Guarantee (PG)/Demonstration Test at site/ handing over of the of respective machine (i.e.	Tender Conditions prevail
2	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	19	7 of 37	Payment against Trail Run	If the seller is not able to demonstrate the trial run due to the reason attributable to the purchaser, the payment corresponding to the trail run will be released within 15 days from the date of intimation of trail run by the seller	Tender Conditions prevail
3	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	19	7 of 37	Performance Guarantee (PG)/Demonstration Test at site/ handing over	if the seller is not able to demonstrate the PG/Demonstration test at site/handling over of the respective test at site due to the reason attributable to the purchaser the payment corresponding to PG/Demonstration/Handling over of the respective test at site will be released within 15 days from the date of intimation of PG/Demonstration by the seller	Tender Conditions prevail
4	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00			General	If the Purchaser is not allow the delivery of material at site due to reason not attributable to the seller, then storage cost including transportation and other expenses to be borne by the purchaser at actuals.	Tender Conditions prevail
5	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	12. Delivery Schedule			We will confirm the delivery schedule, provided the front availability for the erection of the equipment will be available on the third month of PO date, if the same is not available the necessary delivery extension and price variation due to the delay to be considered	Vendor to refer the PVC clauses applicable at SI no. 21 of SCC for Supply & Services and submit bid.
6	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00			General	if the MCC is not received within 10 days from the date of submission of inspection document, the inspection is considered deemed acceptable. We will deliver the goods at site	Tender Conditions prevail

7	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	12. Delivery Schedule			<p>Tender condition does stated the timeline of the drawing review and aproval process from BHEL/Client Side, Considering the tight project schedule, Purchaser should approve and/or give the comments the drawings / documents as per 30 A 1 in connection with the advance payments should be approved within 10 days from the date of its submission.</p> <p>If the approval and/or the omments is delayed beyond 10 days from the date of submission. it is deemed that the drawings have been approved.</p> <p>Number of submission/revision of each documents should be limited to max. 3 times.</p> <p>All the documents under approval category should be approved by the Purchaser/Owner/Consultant within 4 months from the date of LOI.</p> <p>In case of any delays in appoval of documents, project schedule will be extended to the number of days delayed by the Purchaser and Price Variation due to the delay to be considered</p>	Tender Conditions prevail
8	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	General			Request you to provide us the Sunset clause. If the trail run/PG/Demonstration test is not possible due to the reason not attributable to the seller	Tender Conditions prevail
9	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	General			<p>We request M/s BHEL to Include in SCC</p> <p>a) in the event that Purchaser fails to release the payments to the supplier more than 90 days from the due date</p> <p>b) When purchaser defaults on any of its obligations under this contract and fails to remedy the same within thirty(30) days after receipt of written notice thereof from supplier, supplier may thereafter suspend the contract by giving the Purchaser fifteen (15) days written notice of such suspension</p>	Tender Conditions prevail
10	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	General			<p>We request M/s BHEL to add the below in SCC</p> <p>Supplier can also terminate the contract under the following circumstances:</p> <p>a) If a Force Majeure events extend for more than 180 (One hundred eighty) Dyas in aggregate and the parties have not agreed upon a revised basis for continuing the work at the end for the delay, including the equitable price adjustment;</p> <p>b) In the event that the duration of a suspension requested by the Purchaser exceeds 120 (One hundred twenty) Days in the aggregate, the supplier shall be entitled to terminate the contract by giving the Purchaser written notice to that effect.</p>	Tender Conditions prevail
11	SPECIAL CONDITIONS OF CONTRACT (SCC) –R-00	23 & 24			We understand from this clause that the total aggregate liability of the Contractor under the contract shall not exceed 35% (10% on Delay & 25% on Performance) of the total contract price.except under the conditions of risk purchase. Kindly Confirm	LD on account of delay is 10%. LD on account of GUARANTEED PERFORMANCE PARAMETERS is 25%.
12	SCC	20		Mobilization advance	Bidder requests BHEL to provide interest free Mobilization advance amounting to 10% Contract Price against Advance Bank Guarantee (ABG) for equivalent amount, as per mutually agreed format. ABG shall be on automatic reduction basis to the extent of supplies effected and advance adjusted in the Contractor's invoices from time to time. ABG shall be valid till completion of supplies	Tender Conditions prevail

S.No.	Document No.	Clause No.	Page No.	BHEL Requirement / Existing	Clarification	BHEL Response / to be read as
13	GCC	27		Termination of contract	<p>We request BHEL to modify this clause as,</p> <p>Any termination of Contract by either party could be only for breach or failure by other party which has not been remedied, or for bankruptcy or insolvency of either party and for causes which are beyond the control of either party.</p> <p>In the event of termination of Contract, the Seller shall be entitled to receive all payments for the supplies effected and for the work in progress up to the date of receipt of such notice.</p> <p>Seller has the right to terminate the Contract if the Buyer fails to pay the Seller the amount due within 60 (sixty) days after the expiry of the due date within which payment is to be made, or in case of prolonged suspension that affects the entire Contract.</p>	Tender Conditions prevail
14	To be added			Suspension	<p>Either party can suspend the Contract for breach or failure by the other party which could not be remedied or for any Force Majeure conditions. Seller shall be entitled for extension of Completion Schedule and price Compensation as well as any incidental charges arising thereof for the duration of suspension as per mutually agreed terms.</p> <p>If the Buyer fails to certify a payment or pay the Seller the amount due and fails to explain why the Seller is not entitled to such amount within 30 (thirty) days after the expiry of the due date of such payment, the Seller may suspend the supply after giving 30 (thirty) days' prior notice to the Buyer. Such action shall not prejudice the Seller's entitlements to payments otherwise due and to terminate the Contract as per the provisions hereof.</p>	Tender Conditions prevail
15				General Issues on Previous Project under execution	Delay in receipt of MRC acknowledgment copy from Customer/Site, hence request BHEL to issue MRC certificate within 24 Hrs after receipt of material at site.	Tender Conditions prevail
16					Manual preparation of Material Receipt Certificate, request BHEL to provide system generated MRC certificate within 24 Hrs after receipt of material at site.	Tender Conditions prevail
17					Facility of Bulk uploading of Commercial invoices in customer portal not available & needs to update individual invoice with manual entry of around 30 to 35 fields, request BHEL to review the same at their end.	Tender Conditions prevail
18					Lot of work duplication since which involves uploading of Main Invoice & MRC Invoice needs to be done.	Tender Conditions prevail
19					Customer needs Vendor Invoice for all dispatches. (Customer has included open ended statement, "any additional documents required by BHEL, vendor needs to comply for the same.).	Tender Conditions prevail
20					'Sun-set clause' (end date for warranty obligation, in case delay in client obligations) needs to be defined for warranty obligation, which is not part of contract	Tender Conditions prevail
21					PGT obligation to be restricted to certain time frame, in case client obligations are delayed	Tender Conditions prevail

S.No.	Document No.	Clause No.	Page No.	Clarification	BHEL Response / to be read as
22				Time frame to be defined for client obligations like issuance of Drawing approval / comments, MDCC issuance, MRC signing at site, receipt acknowledgement on LRs	Tender Conditions prevail

Sl. No.	Document	Clause No.	Heading / Title	Comments	
B					
	Technical Queries - Project - 3X800MW PVUNL, Jharkhand State, Machine Package (Package A)-Bucket Wheel Stacker cum Reclaimer Enquiry Reference Number - Enquiry No: 77/21/6111/JRK				BHEL reply
1	TESSCRrevised, Page no. 3 of 33, 005 - ANNEXURE-4 CONVEYOR 9A 9B - 9585-001-155-PVM-B-026-01 CAT-2 CONV-9A mech		Boom conveyor Belt speed: Approx. 3m/sec. 3.4 m/s Belt speed envisaged in respective Yard conveyor no. 9A/9B.	We observed, machine is working in conjunction with Yard conveyor, which is running at belt speed of 3.4 m/s with belt width of 2000 mm. For stacker Reclaimer boom conveyor considering reverse loading, as per our calculations the required belt speed is 3.6 m/s. Same is provided for other NTPC project supplied by us. This is for your information.	Tender condition prevails wrt belt speed of boom conveyor
2	TESSCRrevised, Page no. 4 of 33,		BROAD SCOPE OF WORKS: 1. to make approach road wherever required	Tender calls approach road for pertaining to this package material shifting to storage or erection place only. Please confirm.	Confirmed.
3	005 - ANNEXURE-4 CONVEYOR 9A 9B, 026 - ANNEXURE-25 MECH DRAWINGS		Following drawing available in PDF, 9585-001-155-PVM-B-026-01 CAT-2 CONV-9A mech, 9585-001-155-PVM-B-027-01 CAT-2 CONV-9B mech, 9585-001-155-PVM-B-118-02 CAT-1 WHEEL LOAD DATA1, STOCKPILE LAYOUT & CIVIL INPUTS FOR STACKER CUM RECLAIMER MACHINE	Kindly furnish those drawing in AutoCAD format for our consideration & for speed-up our proposal activity.	Applicable drgs. shall be furnished after award of order to successful bidder

Sl. No.	Document	Clause No.	Heading / Title	Comments	
4	G.A. drawing, Data sheets & electrical load list of equipment of earlier ordered.		Not available in tender document.	Kindly furnish the same for our reference & also speed-up our proposal activity.	Applicable drgs. shall be furnished after award of order to successful bidder
5	TESSCRrevised, Page no. 3 of 33, B. BROAD SCOPE OF THIS PACKAGE BIDDER: 1), sr. no. 5		Long travel drive: Electric motor with suitable coupling & electro hydraulic Thruster brakes. (gear motors are not acceptable for Long Travel drives)	Bidder will propose direct drive with Electric motor with suitable coupling & electro hydraulic Thruster brakes but without open gear (gear & pinion) bogie arrangement. Kindly confirm.	Bidder to follow tender conditions
6	9585-001-155-PVM-B-118-02 CAT-1 WHEEL LOAD DATA1, dwg. No. IS-1-GA-717-108-M119, Rev. C.		Envisaged Stacker / reclaimers max. travel speed = 15 m/min	Bidder would like to suggest Max. travel speed of 20 mpm for traveling the machine towards the parking position. Kindly confirm.	Bidder to follow NTPC tender condition and other prevailing ISO standards for mobile machines.
7	General Point		Tender is silent on Slew speed & boom luffing speed	In absent of specific information, bidder will consider below details based on experience of past executed machines, Slew speed - 3 to 30 mpm at centreline of BW Luffing speed - 3 mpm at centreline of BW Please confirm.	Bidder to follow NTPC tender condition and other prevailing ISO standards for mobile machines.
8	TESSCRrevised, Page no. 7 of 33, TESSCRrevised, Page no. 18 of 33, TESSCRrevised, Page no. 18 of 33,		4. Only rail fixing foundation bolts are excluded from bidder's scope of supply, as BHEL is supplying and fixing these foundation bolts during civil casting at site. 19. Supply of stools, foundation bolts and other embedment in concrete shall be in scope of bidder. Erection of the same will be done by BHEL's civil contractor.	We understand, supply & erection of rail fixing foundation bolts, stools other embedment in concrete shall be in client scope of supply. Kindly confirm our understanding.	Scope is amply clear in BHEL technical specification. Refer section L. Exclusions point no. c in BHEL technical enquiry specification.

Sl. No.	Document	Clause No.	Heading / Title	Comments	
			<p>However, correctness of erection shall be checked by bidder.</p> <p>20. Supply of base frame and fixing/foundation bolts (as applicable) for all equipment /items shall be in bidder's scope</p>		
9	<p>TESSCRrevised, Page no. 6 of 33,</p> <p>TESSCRrevised, Page no. 18 of 33,</p>		<p>Fixing of rails, its alignment and grouting of rails shall be in the scope of BHEL civil contractor.</p> <p>18. Supply of grouting cement and grouting of all mechanical equipment / items and its drive base shall be in the bidder's scope. BHEL / BHEL's civil contractors shall provide only the foundation pockets for pedestals (wherever necessary) as per GA drgs of the bidder. Any small modification (braking/chipping) required in the foundation pocket (various upto +/- 10% of size) during execution is to be taken care by bidder without additional cost to BHEL-ISG.</p>	<p>We understand, Grouting cement & Grouting of all mechanical items like rail fixing, storm anchoring, end buffers shall be in client scope of supply. Kindly confirm our understanding.</p>	<p>Scope is amply clear in BHEL technical specification.</p> <p>Refer technical annexure-11 Scope matrix Sl. no.27 and Sl. no. 28.b</p>
10	TESSCRrevised, Page no. 18 of 33,		21. Supply of foundation bolts & structures for storm anchor shall be in bidder's scope.	<p>We understand supply of foundation bolts & mechanical component (above ground level) shall be in bidder's scope of supply. However below ground level foundation shall be in client scope. Kindly confirm.</p>	<p>Refer section L. Exclusions point no. c in BHEL technical enquiry specification.</p> <p>Structure and mechanical components above ground level is in bidder's scope. Only</p>

Sl. No.	Document	Clause No.	Heading / Title	Comments	
					foundation below ground level is in BHEL's scope.
11	TESSCRrevised, Page no. 7 of 33,		5. Supply and erection of counter weight shall be in bidder's scope.	Complete civil work is executing by others, hence bidder would like to exclude Concrete counter weight. However erection shall be carried out by bidder & also necessary construction drawing of concrete counter weight shall be in bidders scope.Kindly advice.	Tender condition prevails
12	TESSCRrevised, Page no. 13 of 33,		13. Suitable RCC platform to be provided at one end of travel of the stacker cum reclaimer to rest the head end of the boom while either under maintenance or out of operation.	Complete civil work is executing by others, hence bidder would like to exclude RCC platform along with it's civil foundation. However supply & erection of necessary handrailing for platform shall be in bidders scope. Kindly advice.	RCC platform and handrailing is already covered in BHEL civil drg. 9585-001-155-PVC-C-083 & is not in bidder's scope
13	TESSCRrevised, Page no. 22 of 33,		i. Review and vetting of Fabrication drgs & other structures (if applicable)	Vetting of fabrication drawing is not applicable for our proprietary equipment. Also we would like to inform you that, according to company policy, we are unable to submit the assembly & Fabrication drgs of any proprietary equipment.	Noted, however fabrication drgs. will need to be presented by bidder in case of any engg. issue/ inspection requirement.
14	TESSCRrevised, Page no. 20 of 33, sr. no. 48,		c. Bidder shall furnish necessary inputs & drawings (GA drawing of the equipment, civil assignment drawings for stockpile layout, necessary civil inputs etc.) in editable AutoCAD format	Kindly furnish stockpile, yard conveyor & civil layout drawing drawing in AutoCAD format which is already available with you, in which bidder will superimpose our machine layout. And submit to you in AutoCAD format.	Shall be furnished after award of order to successful bidder
15	020 - ANNEXURE-19 PAINTING SPEC (1), SURFACE		Envisaged 8 type of Painting schedule in cl. No. 1.06.11, A) Power Cycle Piping	We understand, below mentioned paint scheme is applicable for this package,	Painting scheme is subject to approval by NTPC/ PVUNL after

Sl. No.	Document	Clause No.	Heading / Title	Comments	
	PREPARATION AND PAINTING (1),1.06.11,			<p>1.06.11, A), 2)Primer/Painting Schedule, A), 2) All un-insulated Pippings, fittings/ components, Pipe clamps, Vessels/Tanks, Equipments / Design temperature < or equal to 60 Deg. C - Total Min. Painting DFT (Microns) - 155 Primer coat 2 nos. x 25 = 50 Micron, Finish coat 3 nos. x 35 = 105 Micron (The first 2 finished coats shall be done at shop and the 3rd finish coat shall be applied at site).</p> <p>Kindly confirm our understanding. otherwise please clarify which one schedule is to be followed.</p>	award of contract during detail engg.
15	TESSCRrevised, Page no. 7 of 33, sr. no. 12		Operation & Maintenance of stacker cum Reclaimer machines	<p>Bidder does not have clarity regarding 60 Man shifts O&M spread out in how many months.</p> <p>We propose 60 Man shifts O&M round the clock and continuous shifts.</p>	Bidder to refer sheet 7/33 & 8/33 of BHEL technical specification which is amply clear.
16	IS-1-17-2005/SCR/PKG-A-RE	L, a	MVWS fire protection for Boom conveyor and Tripper shall be in the scope of BHEL- PE&SD. However, successful bidder shall keep provision for MVWS for fire protection in the machines and will submit all necessary inputs required by BHEL PE &SD/ their vendor	<p>Bidder like to understand is there any fire water pumps & tanks are placed on the machine.</p> <p>If yes, then client to furnish the space requirement and load data for MVWS system.</p>	<p>Yes, firewater pumps & tanks are placed on the machine along with some other associated items.</p> <p>Details will be furnished to successful bidder after award of order.</p>

Sl. No.	Document	Clause No.	Heading / Title	Comments	
17	-	-	General	<p>For bid clarity, bidder has not envisaged FDA system and fire extinguishers for E- House and operator cabin, same will be provided by client / others. Client to check & confirm.</p>	<p>Not acceptable. As per Tender Electrical specification – “<i>All fire detection and fire suppression requirement as per Contract specification for Stacker cum reclaimer shall be considered. Automatic direct/indirect low pressure NOVEC 1230 fire suppression system employing linear pneumatic heat detection tube shall be provided for MCC room of stacker reclaimers. For fire detection of stacker-reclaimer, a local fire alarm panel for alarms shall be provided on each stacker-reclaimer machine along with interfaces & connectivity with fire alarm panel placed at CHP control room. The communication shall be as per</i></p>

Sl. No.	Document	Clause No.	Heading / Title	Comments	
					<p><i>standard and proven practice of the bidder.</i></p> <p><i>Boom conveyor and tripper conveyor of stacker-reclaimer machines shall be provided with Linear Heat Sensing cable.</i></p> <p><i>"</i></p> <p><i>Signal shall be interfaced with above mentioned (Clause no. 16) BHEL MVWS system for automatic operation of MVWS.</i></p>