

Pre-bid Clarifications-5 dtd 08.08.2024
Stacker cum Reclaimer Package for Singrauli STPP Stage-III (2x800 MW)
BHEL Tender ref. No. 77/24/6007/BPA

Sl. No.	Tender Document Description	Clause No.	Page No.	Existing Provision	Bidder's Query	Clarification by BHEL																																																																																	
1	Annexure - 7 Mandatory Spares				<p>It has been observed that the Mandatory Spares list in Annexure-7 lacks clarity regarding the specific requirements for the Stacker Reclaimer. We request a detailed list of mandatory spares that should be considered for the Stacker Reclaimer.</p> <p>Certain items mentioned, such as the electric hoist and vibrating feeder, are not applicable to the Stacker Reclaimer package. Please provide alternative items or options that need to be considered in place of these.</p> <p>Additionally, we have encountered instances where some items are listed with alternate options, such as CRD & Energy Chain, Slew Hydraulic Pump and Motor, and Slew Gearbox. This results in confusion, as it appears that we need to consider two sets of energy chain systems, CRDs, and slew gearboxes, which is redundant.</p> <p>We are currently facing similar issues with BHEL in an ongoing project. To avoid such complications and ensure clarity, we kindly request a refined list of mandatory spares. This will help both BHEL and the bidders to have a clear and accurate understanding of the requirements</p>	<p>1. In ANNEXURE-7: List of Mandatory Spares List (Mechanical), following items are not applicable. So bidder shall not consider supply of mandatory spares under below line items</p> <table><thead><tr><th>Sl. No.</th><th>PARTICULARS</th><th>QUANTITY</th></tr></thead><tbody><tr><td>-J-</td><td>Vibrating Feeder (if applicable)</td><td>-</td></tr><tr><td>(i)</td><td>Bearings-</td><td>2 no. of each type & size-</td></tr><tr><td>(ii)</td><td>Seals-</td><td>2 no. of each size-</td></tr><tr><td>(iii)</td><td>Liners-</td><td>1 sets-</td></tr><tr><td>(iv)</td><td>deleted</td><td>deleted</td></tr><tr><td>(v)</td><td>Complete vibrating assembly consisting of all rotating parts including drive & driven unbalanced shafts including bearings, casing, spring, vibrating blocks, main shaft, sheave & unbalanced weights as applicable</td><td>1 set of each type and rating and direction-</td></tr><tr><td>(vi)</td><td>Hoses (if applicable)-</td><td>2 Set-</td></tr><tr><td>(vii)</td><td>Drive unit assembly (including electric motor, hydraulic pump, hydraulic motor, flexible shaft, gear box, as applicable)</td><td>1 Set-</td></tr><tr><td>(viii)</td><td>Base springs, rubber pads-</td><td>2 sets of each type & size-</td></tr><tr><td>(ix)</td><td>V-belts-</td><td>4 sets of each type & size-</td></tr><tr><td>(x)</td><td>deleted</td><td>deleted</td></tr><tr><td>-K-</td><td>ELECTRIC HOISTS (if applicable)</td><td>-</td></tr><tr><td>(i)</td><td>Brake linings-</td><td>2 sets of each type-</td></tr><tr><td>(ii)</td><td>Rope guide & rope tightener-</td><td>1 no. of each type-</td></tr><tr><td>(iii)</td><td>Limit switch-</td><td>2 nos. of each type & size-</td></tr><tr><td>(iv)</td><td>Gear box/gear set-</td><td>2 sets of each type-</td></tr><tr><td>(v)</td><td>Motor/geared motor-</td><td>1 no. of each type & rating-</td></tr><tr><td>(vi)</td><td>Drum bearing-</td><td>1 set of each type & rating-</td></tr><tr><td>-O-</td><td>DUST SUPPRESSION</td><td>-</td></tr><tr><td>(i)</td><td>Compressor-</td><td>-</td></tr><tr><td>(ii)</td><td>Air filter element-</td><td>8 Nos-</td></tr><tr><td>(iii)</td><td>Oil filter-</td><td>6 Nos-</td></tr><tr><td>(iv)</td><td>Discharge Check Valve-</td><td>3 Nos-</td></tr><tr><td>(v)</td><td>Oil Pump Parts (including distance ring, eccentric rings, Pump element, Pin, Key, O-Ring) as applicable -</td><td>2 Sets-</td></tr><tr><td>(vi)</td><td>Inlet Valve Assembly-</td><td>2 Nos-</td></tr><tr><td>(vii)</td><td>Electronic regulator-</td><td>3 Nos-</td></tr></tbody></table> <p>2. As mentioned in note-4, "In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to offered design with quantities generally in line with the approach followed in the above list." In such cases where the bidder offered spares are already appearing in the spares list, then bidder has to consider the spares again, irrespective of duplicity.</p>	Sl. No.	PARTICULARS	QUANTITY	-J-	Vibrating Feeder (if applicable)	-	(i)	Bearings-	2 no. of each type & size-	(ii)	Seals-	2 no. of each size-	(iii)	Liners-	1 sets-	(iv)	deleted	deleted	(v)	Complete vibrating assembly consisting of all rotating parts including drive & driven unbalanced shafts including bearings, casing, spring, vibrating blocks, main shaft, sheave & unbalanced weights as applicable	1 set of each type and rating and direction-	(vi)	Hoses (if applicable)-	2 Set-	(vii)	Drive unit assembly (including electric motor, hydraulic pump, hydraulic motor, flexible shaft, gear box, as applicable)	1 Set-	(viii)	Base springs, rubber pads-	2 sets of each type & size-	(ix)	V-belts-	4 sets of each type & size-	(x)	deleted	deleted	-K-	ELECTRIC HOISTS (if applicable)	-	(i)	Brake linings-	2 sets of each type-	(ii)	Rope guide & rope tightener-	1 no. of each type-	(iii)	Limit switch-	2 nos. of each type & size-	(iv)	Gear box/gear set-	2 sets of each type-	(v)	Motor/geared motor-	1 no. of each type & rating-	(vi)	Drum bearing-	1 set of each type & rating-	-O-	DUST SUPPRESSION	-	(i)	Compressor-	-	(ii)	Air filter element-	8 Nos-	(iii)	Oil filter-	6 Nos-	(iv)	Discharge Check Valve-	3 Nos-	(v)	Oil Pump Parts (including distance ring, eccentric rings, Pump element, Pin, Key, O-Ring) as applicable -	2 Sets-	(vi)	Inlet Valve Assembly-	2 Nos-	(vii)	Electronic regulator-	3 Nos-
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2	Pre-bid Clarifications-4 dtd 27.07.2024	S.No. 4 & 11			<p>We understand that Conveyor 9A/B and 11A/B will remain operational until Stage III is completed. Given this, it will be challenging to access the Stacker Reclaimer area, and parallel erection of the new stackers may not be feasible. This situation seems to contradict the statement in S.No. 11, which notes that "dismantling of existing facilities will be carried out in a phased manner and shall be completed by February 2025."</p> <p>Could you please clarify whether parallel erection of both stackers is permitted? If not, could you provide a timeline for when the second stacker will be erected?</p> <p>Additionally, please explain how access to the stockyard will be managed while Conveyor 9A/B and 11A/B are still in operation.</p>	<p>Detailed methodology shall be finalized during contract execution stage along with NTPC.</p>																																																																																	

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3					Refer to Annexure-29 Rev-1 Sheet 2 of 2 ,pl provide distance between Stockpiles. At present we have prepared GA drawing considering the distance between stockpiles as 12 m, pl check and confirm	Distance between stockpiles shall be decided during detail engg. This dimension does not have any implication/ correlation with stacker cum reclaimer machines, as stockpile width is already frozen in the NIT spec furnished by BHEL.
4					As per clients requirement, existing conveyors 9A/B and 11A/B will be operational during erection of Stacker Reclaimer machines-1&2 hence we need to check the approach space for necessary Crane and vehicle movements. Hence, pl provide the Elevation view drawings of Conveyor 9A/B, 11A/B, 32A/B to understand the space availability.	As per Clause E.6 in sheet 18 of 35 in technical enquiry specification, " <i>Bidder shall visit the site to familiarize with the site constraints before submitting the complete offer to BHEL in all respects</i> ". From this query, it appears bidder has not visited the site yet. Bidder to visit site and collect/ obtain the relevant information as required by bidder to quote for this package (including that of existing facilities).
5	Technical Enquiry Specification for Stacker cum Reclaimer PKG of Coal Handling Plant	47.e	Sheet 23 of 35			Para added..... Bidder has to prepare and furnish 4D model for the equipment in his scope under this package. 4D modelling is the integration of a 3D model with construction schedule in order to visualise the sequence and progress of construction. Further, bidder has to represent the actual site progress of construction activity with respect to planned progress based on Schedule in 4D model to BHEL/ NTPC every month.
	NTPC TECHNICAL SPECIFICATIONS SECTION – VI, PART-A Annexure-A to subsection II C (Project Management)	H.	PAGE 6 OF 6			
	NTPC TECHNICAL SPECIFICATIONS SECTION VI, PART-C GENERAL TECHNICAL REQUIREMENTS	8.03.04	Page 15 of 119 to 19 of 119			