

Conveyor package - Queries & replies - 2x800MW, Telangana (Karimnagar) project.			
Enquiry No.: 77 / 16 / 6276 / RCD			
S.No.	Reference Clause	Bidder's Queries	BHEL Replies, Dtd: 24/01/17
1	Technical enquiry Specification, Page 21 of 23, Exclusion Sl. No. 2:	Since Erection & commissioning is not in bidder scope. So, kindly exclude E&C of specialized job is also excluded.	Not acceptable. Bidder to follow specifcaitons.
2	-	We understand that inserts of any item shall be excluded for bidder's scope.	Shall be as per specifications.
3	Hoist Maintenance plateform with supports:	We understand that same shall be excluded from bidder's scope.	Noted. Scope shall be specifcaitons.
4	Foundation bolt for HGTU Structure only:	We understand that only foundation bolt shall in bidder's scope. Inserts for the same shall be in Bidder's scope.	Noted. Scope shall be specifcaitons.
5	Annexure D, General scope matrix for CHP, Point No. 23&24:	Kindly clarify the scope.	Platform(i.e, floors) are excluded from bidders scope. However, all access platforms for maintenance/operating floors including those for VGTU & Flap gate are in bidders scope.
6	Technical enquiry Specification, Page 6 of 23, Sl. No. 2:	We understand that tramp iron chute including Container/Trolley is not in bidder scope.	Noted.
7	Technical Specification section-VI, Part-B, Sub section A20, Page 15 of 44, Cl. No. 2.6.2:	Kindly provide the shell thichness for drive and non drive pulley.	Pls. ref. BHEL document no:IS-4-DC-701-101-M044, R2 uploaded against corrigendum-1 issued by BHEL.
8	-	Kindly provide the Plot plan showing the concern area of package including Location of pump house, MCC Room etc	Already shown in the BHEL MEP layout (Doc No.: PE-DG-424-100-M002, R1), enclosed in annexure-004 of technical specifications.
9	-	Kindly confirm the quantity and size for Pump House, Toilets, battery room, Switchgear Room/MCC room, DCS RIO	dimensions only during detailed engg. ii) AC to be considered for DCS/RIO room – 6m*5m*5m. Detail dimensions only during detailed engg. iii) Pressurized ventilation to be considered for MCC room. iv) Tentative dimensions of Pump house - 30m*18m*6m. Detail dimensions only during detailed engg. (v) No. of toilets = 02 nos & their dimensions will be provided during detail engineering. (vi) Dimension of battery room with heat load will be provided dring detail engineering. Any change in room sizes during detailed enng. to be accommodated by bidder
10	Flow Diagram, Drawing no- IS-1-FL-7-01-100-M033:	We understand that Discharge chute of Conv. 39A/B which feed material to Conv 40A/B and Flap gate FG-40/41 shall not be in bidder scope.	Noted.
11	Flow Diagram, Drawing no- IS-1-FL-7-01-100-M033:	Kindly confirm the quantity of flap gate. As per flow diagram equipment list, it is 16 nos. and it shows 22 Nos. in diagram.	As per approved coal flow diagram: Two way flapgates with single actuator - 04 nos. Three way flapgates with dual actuators - 08 nos.
12	-	Please clarify, Whether we have to Tap the water from existing system for DFDS, SWS, PWS & Cooling water system or we have to take it from new pump house.	Water for DFDS, SWS, PWS & CWS will be provided at terminal point-B (shown in plot plan/MEP layout), from there it has to brought to the pumphouse location. From pumphouse, water has to be distributed as per requirement to various applications.
13	-	We understand that Engineering, Design and supply of Monorail for Hoist is excluded from Bidder's scope. Kindly confirm	Noted. However, sizes of monorails for various hoists shall be recommended by bidders.
14	-	We presume, Grating for Bunker opening shall be excluded from Bidder's scope.	Noted.

15	Flow Diagram, Drawing no- IS-1-FL-7-01-100-M033:	Kindly clarify the scope for provision for future conveyor.	Upto flapgates along with chutes feeding onto future conveyors, is in bidders scope. However, future conveyor is excluded in bidders scope.
16	-	We understand that BHEL will provide the TP drawing in Auto Cad and we have to superimpose the drawing of items which are in our scope. I.e, Piping layout, Cable/Cable tray etc. Kindly confirm	Noted.
17	Technical enquiry Specification, Page 16 of 23, D) Electrical scope:	We presume that PLC System shall be excluded from bidder's scope. Kindly confirm	Noted.
18	-	We presume that Fire Figthing, detection, Alarm system shall be excluded from bidder's scope. Kindly confirm	Noted.
19	-	We presume that PA System & Illumination system (Indoor/Outdoor) shall be excluded from bidder's scope. Kindly confirm	Noted.
20	Technical enquiry Specification, Page 22 of 23, Cl. No. 6:	We understand that HT/LT Power and control cable not in Bidder's scope. Bidder shall provide only LT power & cable schedule for both end bidder's supplied equipment.	Noted.
21	-	VFD is not applicable for Conveyor package including travelling tripper. Hence, same shall be excluded from Bidder's scope. Kindly confirm	Noted.
22	-	Kindly provide the Technical specification of Air Condition system for MCC/Switchgear/DCS RIO room	Detailed specifications shall be provided during detail engineering.
23	Annexure III to SCC, Guaranteed Power Consumption at Rated Capacity / Total power consumption shall be limited to 300 BkW (with duty factor 0.5):	As per calculation provided by you, the total power consumption is more than 300 KW. Even at the rated capacity, it is more than 300 KW. Kindly review and confirm.	It is auxiliary power consumption at rated capacity with 0.5 duty factor. Bidder to follow specifications.
24	Technical enquiry Specification, Page 7 of 23, Sl. No. 11:	kindly confirm whether pumping system shall be single system or 1working and 1 standby.	(1working+1standby) required.
25	Technical enquiry Specification, Page 7 of 23, Sl. No. 3:	Kindly provide the List of mandatory spares list which is applicable for this package.	Mechanical mandatory spares are not required for this package. Electrical, C&I mandatory spares shall be per NIT specifications.
26	-	We understand that Split bearing is not applicable for this package. Kindly confirm.	Noted.
27	-	Kindly confirm whether Sump pump shall be required for this package or Not. If it is required, kindly indicate location of coal settling pond and sump pump capacity.	Sump pumps are requied (1working+1standby) in each transfer point. For coal settling pond location, pls. refer plot plan: 9591-999-POC-F-001, R06 in which it is located near stokpile area.
28	Payment terms:	Request you to kindly consider 100% payment through LC	Deviation not possible. Kindly quote as per the enquiry tems.
29	Payment terms:	Request you to kindly consider the following payment term: i) 20% Intrest free advance along with order ii) 75% of basic price of materials supplied, as per approved billing schedule, along with 100% taxes and duties iii) 5% on successful completion of Performance Guarantee (PG)/Demonstration Test and handing over	Deviation not possible.kindly quote as per the enquiry tems
30	-	Payment will be released within 45 days after receipt of complete documents as per order/ contract: Request you to kindly release the payment within 30 days after receipt of complete documents as per order/ contract	Deviation not possible.Kindly quote as per the enquiry tems
31	As per Clause-B, Broad scope of this package, page 6 of 23, Document Number: Main Package-A/002, TABLE-1, SI No-3, regarding Debris Chute.	Kindly specify the location wherever we have to consider debris chute as the same not mentioned in technical specification.	Bidder to refer GA of TP-38, R1 (BHEL doc no.: IS-1-GA-701-104-M003) and TP-39, R1(Bhel doc. No.: IS-1-GA-701-104-M003), issued by BHEL thru corrigendum-1. Also, same is applicable for TP-40 & 41 also.

32	As per Clause-B, Broad scope of this package, page 6 of 23, Document Number: Main Package-A/002, TABLE-1, SI No-7, regarding Electric Hoist.	Electric hoist for the equipment other than conveyor like CSU, ILMS & travelling tripper have to consider by bidder or else will be supplied by others.	Hoists applicable for this package shall be in bidders scope.
33	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002TABLE-1, SI No-9, Sump Pump with piping and accessories	Refer to the clause Sump Pump with piping and accessories upto coal settling pond will be in Bidders Scope. Location of Coal Run off pit not shown in drawing. Kindly specify/indicate the location of Coal Run off pit as well as the tentative pipe lay-out showing in plot plan drawing for considering the same in scope.	For coal settling pond location, pls. refer plot plan: 9591-999-POC-F-001, R06 in which it is located near stokpile area. Routing shall be done thru conveyor galleries & actual routing shall be decided during detail engineeirng.
34	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002, TABLE-1, SI No-10, Dry fog Dust Suppression System.	i) Availability of water for DFDS not mentioned in the technical specification. ii) Also compressed air for DFDS to be arranged by bidder or to be provided by owner. Kindly clarify.	i) Water for DFDS & all other water requiriements will be provided at location indicated in the plot plan/MEP layout as "Terminal point-B". .ii) Compressed air for DFDS to be arranged by bidder & for that 1W+1S compressors (screw type) along with air receivers to be considered. For detailed specifications, pls. refer NTPC NIT specifications.
35	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002TABLE-1, SI No-10, Service water/potable water & CW for transfer tower and bunkers.	Kindly specify the co-ordinates or else indicate the location of TP-37/38/39 & 40 in plot plan drawing.	Pls. refer corrigendum-1 issued by BHEL, in which location of TP's is shown/marked the Plot plan/ MEP layout.
36	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002TABLE-1, SI No-11, Pumping system from of CHP	Refer to the clause we understood that only piping from terminal point B to Pump house as well as further connection to TP's will be in bidder's scope. Kindly confirm. Location of pump house and proposed transfer towers not shown in Plot plan drawing. Kindly indicate the same for calculating the pipe length.	Pls. refer corrigendum-1 issued by BHEL, in which location of TP's/Pump house/MCC room etc is shown/marked the Plot plan/ MEP layout.
37	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002TABLE-1, SI No-14, Hume pipe for layingunderground pipe.	As per exclusion list entire civil work will be done by other. Accordingly we request you exclude the supply of Hume Pipe from bidder's scope.	Bidder to follow specifications.
38	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002TABLE-1, SI No-15, Air Conditioning System for MCC.....	Kindly forward us the dimensional drawing of Electrical room, technical specification/ Scope of Work for Air Conditioning system as well as heat load for selecting the capacity of Air Conditioning System.	i) Tentative Dimension of CHP MCC room – 18m*30m*5m. Detail dimensions only during detailed engg. ii) AC to be considered for DCS/RIO room –6m*5m*5m. Detail dimensions only during detailed engg. iii) Pressurized ventilation to be considered for MCC room Heat load shall be given only during detailed engg.
39	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002 TABLE 1, SI No-16, Complete pressurised ventilation system for all switch gear room/MCC rooms.....	Kindly forward us the dimensional drawing of switch gear room/MCC rooms, Technical Specification/Scope of Work for ventilation system.	
40	As per Clause-B, Broad scope of this package, page 7 of 23, Document Number: Main Package-A/002 TABLE 1, SI No-17, Complete ventilation system for toilets, battery rooms etc.....	Kindly forward us the dimensional drawing, Technical Specification/Scope of Work for ventilation system.	

41	As per clause 14 of SCC, Payment terms a) 75% of basic price of material supplied along with taxes and duties against LR	We propose a) 5% advance along with order against ABG. b) 5% advance against approval of drawings c) 70% payment against clear receipt of LR on pro-rata basis. d) 5% against MRC e) 5% against completion of erection f) 5% after completion of facilities and issuing of completion certificate g) 5% against submission of all final documents as per technical specification and successful completion of PG demonstration test at site.	Deviation not possible. Kindly quote as per the enquiry tems
42	Technical Specifications Section-VI, Part-B, Bid Doc. No. CS-9591-101-2	Sub Section-A-20-CHP: We are following the scope of supply mentioned in clause No-B.1 of Document No. MAIN PACKAGE/A/002 TABLE-1 as final. But Technical Specifications available in NTPC Specifications is for STEAM GENERATOR ISLAND PACKAGE. Please clarify	Scope shall be as per BHEL technical enquiry specifications & for detailed description of scope, bidders to refer NTPC NIT specifications. "STEAM GENERATOR ISLAND PACKAGE" is for overall package title. However, bidder scope shall be as per BHEL technical enquiry specifications & CHP relevant spections mentioned in NTPC specifications.
43	Doc No. CS-9591-101-2	Mechanical Vendor List: Mechanical Vendor List is not available in the enquiry	Mechanical mandatory spares are not required for this package.
44	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.1: VGTU Take-up- As Trestles & Galleries are not in our scope, so we request you to exclude Take-up Tower, Maintenance platforms at intermediate levels including platform supporting Beams from our scope. However we shall provide take-up trolley, shieves and wire ropes wherever applicable, guide upto take-up travel, bend pulley frame and counter-weight box	Bidder to follow specifications.
45	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.3: Debris Chutes - We request you to provide the locations & Specification for the Debris Chutes	Bidder to refer GA of TP-38, R1 (BHEL doc no.: IS-1-GA-701-104-M003) and TP-39, R1(Bhel doc. No.: IS-1-GA-701-104-M003), issued by BHEL thru corrigendum-1. Also, same is applicable for TP-40 & 41 also.
46	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.9: Sump Pump - We request you to provide the locations & Specification for the Sump Pumps	Sump pumps along with pieps & other accessories are requried (1working+1standby) in each transfer point.
47	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.11: Pumping System - We request you to clarify the scope of supply & the specifications for the same.	Pls. go thru the replies issued by BHEL vide corrigendum-1&2.
48	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.15 &16: Air conditioning System/Ventilation System for MCC Switchgear room – We request you to provide the size of room & other specifications available.	Pls. go thru the replies issued by BHEL vide corrigendum-1&2.
49	Document No. MAIN PACKAGE/A/002	Table-1 -scope list/SI. No.18: Field Instrument - We request you to clarify the scope of supply & the specifications for the same.	Bidder to refer NTPC NIT specifications corresponding to CHP.
50	PART – F (MANDATORY SPARES) SECTION - VI	Mechanical: List for Mandatory Spares are not available, we request you to provide the same.	Mechanical mandatory spares are not required for this package. Electrical, C&I mandatory spares shall be per NIT specifications.
51	PART – F (MANDATORY SPARES) SECTION - VI	Chapter-6-Electrical: List for Mandatory Spares available is for LT Switchgears & LT Busducts which is not related to our scope of supply. We request you to provide the list of Mandatory spares related to our scope.	Noted.

52	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	D. Electrical Scope, Sr. No. I, Point No. 8: Speed control System (VVVF Drive, Hydraulic Drive) for any equipment – NO VFD, Hydraulic Drive is required for our system & not considered in our scope of supply.	Noted.
53	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	D. Electrical Scope, Sr. No. III, Point No. 4: Transmitter for RTD & BTD is given in our scope of supply also it is mentioned in Exclusions List. Please clarify	Transmitter for RTD & BTD to be considered by bidder.
54	Painting	Painting specifications not available with enquiry documents. Please provide the same.	Painting shall be as per NTPC standards & same shall be finalised during detail engineering.
55	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	B. Broad Scope of this package bidder: Temperature gun, tachometer, noise measurement equipment, vibration measurement Equipment etc shall be arranged on returnable basis.	Noted.
56	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	B. Broad Scope of this package bidder – First fill and one year's topping requirements of consumables such as oils, lubricants, servo fluids, essential chemicals etc. in bidder's scope.: We shall supply oils, lubricants for our equipments for first fill only.	Bidder to follow specifications.
57	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	D. ELECTRICAL SCOPE for Tripper Thruster operated rail clamp motor: NOT APPLICABLE as Manual Rail clamp shall be provided as given in technical data sheet of Tripper.	Both electro hydraulic thruster operated & manual operated rail clamp shall be in bidders scope.
58	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	D. ELECTRICAL SCOPE for Conveyors- Brake & Brake control system: Brakes shall be provided only if applicable depending upon the COASTING time. However no Brake control system has been considered.	Brakes are mandatory for conveyors with HT motors. Bidders to follow specifications.
59	Document No. MAIN PACKAGE/A/002 Dtd-19.10.16	D. ELECTRICAL SCOPE for Conveyors protection system- Belt monitoring system: We have considered Belt watch Panel for Pull cord & Belt sway switch	Noted.