
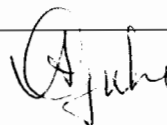
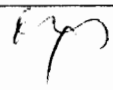
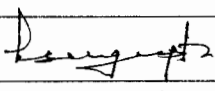
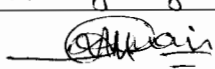
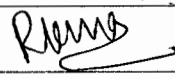


MINUTES OF MEETING HELD AT BHEL-ISG, BANGALORE ON 10-08-2010
FOR PRE- BID MEETING OF NMDC 3.0 MTPA STEEL PLANT AT NAGARNAR:
MACHANICAL PKG-I CONVEYORS & STRUCTURES.

The prebid meeting for the Mechanical packages – Conveyor and Structures is conducted on 10/08/2010. The following points were discussed.

- 1) BHEL explained the project details and the tender details. The details of the prebid meeting held by customer M/s NMDC on 6/8/10 will be placed on the web site and the vendors were requested to visit the web site on regular basis.
- 2) Various questions raised by vendors were discussed and the MOMs are enclosed.
- 3) The MOM of this prebid meeting will also be placed on web site.
- 4) Vendors were asked to submit their offer as per schedule on 20/8/10. Vendors agreed for the same.

Sl. No	Participants	Name of Person	Signature
1.	M/s BHEL	R M Sarvagathi	
2.	M/s Tecpro Systems Ltd.	Anjan Kr. Gohra	
3.	M/s Promac Engineering Ltd	Rajesh Shetty A. Shrivani	
4.	M/s Bengal Tools Ltd.	S. San Gupta D. K. Sankar	
5.	M/s Shriram EPC.	A. NAGARAJAN	A. Nagarajan
6.	M/s TRF Ltd	MD.K. HUSSAIN	
7.	M/s L&T	Rajesh Kumar	
8.	M/s HDO Technologies Ltd		

**3.0 MTPA Integrated Steel Plant at Nagrnar, Chattisgarh for NMDC
Prebid Meeting on 10 Aug 2010: Mechanical Package-I (Conveyors and Structures)**

Tecpro

SI No	Reference	Description	Bidders Comments	BHEL's Reply	Outcome of the Prebid Meeting (10 Aug 2010)
1	TS		All structure will be blast cleaned, (against power wire brush cleaning cl.17.6.4 Page No.85).please confirm.	As per TS	Noted and agreed
2	NIT		Please let us know BHEL will be provide howmuch (Quantity in ton) structural steel as free issue.	at later stage. Bidders to consider total structural steel and indicate the total quantity.	Noted and agreed
3	NIT		Please provide details of sampling system.	BHEL shall revert back	Noted and agreed
4	NIT		Please confirm if all listed tools (Pg. 55) are to be brought to Site and for period they will be in use only.	During DE	Noted and agreed
5	NIT		Please confirm system integration and controll system (Pg. 23 to 27) are excluded .	System integration for DS system, Service water and PW system is not in bidder's scope.	Noted and agreed
6	TS		Please confirm base frame and erection of HT motor as free issue item has to be done	Base frame for free issue items (HT motors) shall be in bidder's scope	Noted and agreed
7	NIT		Cross checking of civil work (Pg.7) will be to ensure proper erection of equipment & structure only therefore no responsibility passes on to the Bidder.	Supervision of civil work is not in bidders scope. However, bidder shall depute his mechanical engineer to check the suitability for erection.	Noted and agreed
8	NIT		Scope in TH & WT will be limited to providing civil assignment drawing, supply of grating and liner.	Civil works is not in Bidder's scope.	Noted and agreed
9	TS		No separate cable trestle has to be considered, all cables will pass through gallery.	Bidders to consider 100 MT of steel for cable trestle between substation to nearest Junction House	Noted and agreed

10	TS		Please let us know what are the pipes that will be pass through the galleries.	Fire fighting pipes , DS system pipes and Cables will pass through conveyor galleries	Noted and agreed
11	TS		Please confirm no DE system will be required.	DE system is not in bidder's scope	Noted and agreed
12	TS		Junction house JH29 is in vendor scope	Bidder's scope	Noted and agreed

M/s Teepro

(Signature)
(Anjane to Gulla)

10/8/10

M/s BHEL

(Signature)
(R R Sareadhi)

**3.0 MTPA Integrated Steel Plant at Nagarnar, Chattisgarh for NMDC
Prebid Meeting on 10 Aug 2010: Mechanical Package-I (Conveyors and Structures)**

Bengal Tools

Sl No	Reference	Description	Bidders Comments	BHEL's Reply	Outcome of the Prebid Meeting (10 Aug 2010)
1	TS	Drg No MEC/11/17/Q6QZ/TS/R MHS/002	In flow diagram of raw material handling plant (Drg No MEC/11/17/Q6QZ/TS/RMHS/002) at description JH-65 (crusher building), it has been shown that conveyor Nos J65C1/C2 is directly feeding to conveyor No J66C1/C2, but in drg No MEC/11/17/Q6QZ/TS/RMHA/005 (arrangement of ore/ flux screening building J44 and primary coal crushing building J65 it has been shown that conveyor Nos J65C1/C2 is feeding to conveyor Nos J66C1/C2 through diverter gate. kindly confirm what we have to consider.	Bidder to consider as per flow diagram Drg No MEC/11/17/Q6QZ/TS/RMHS/002.	Noted and agreed
2	TS	profiles of conveyors	We request you to kindly furnish profiles and length of the following conveyors that we could not locate from your drawings. J23C1, J25C1, J33C3, J57C1, CD1C1, COC1, Rev. Shuttle conveyor CTRSC1 and CTRSC2.	Bidder to prepare the profiles which are not indicated in the drawing	Noted and agreed
3	TS	capacity of conveyor No J66 C2	In the flow diagram, capacity of conveyor No J66 C2 is indicated as 100 TPH which we feel should be 750 TPH. We request the clarification for the same.	J66C2 and J66RC2 shall be of 750 TPH	Noted and agreed

M/s Bengal Tools


S. Saha


[Signature]
M/s BHEL
[Signature]
25/8/2010
[Signature]
(25/8/2010)

**3.0 MTPA Integrated Steel Plant at Nagrnar, Chattisgarh for NMDC
Prebid Meeting on 10 Aug 2010: Mechanical Package-1 (Conveyors and Structures)**

TRF

Sl No	Reference	Description	Bidders Comments	BHEL's Reply	Outcome of the Prebid Meeting (10 Aug 2010)
1			We do not have any clarification at this stage and while preparing the techno-commercial offer, deviations if any will be indicated in offer (Deviation list).	Noted	Noted


M/s TRF
(M.D. K. HUSSAIN)


M/s BHEL
(R.R. Sawadalle)

**3.0 MTPA Integrated Steel Plant at Nagarnar, Chattisgarh for NMDC
Prebid Meeting on 10 Aug 2010: Mechanical Package-1 (Conveyors and Structures)**

L&T

Sl No	Reference	Description	Bidders Comments	BHEL's Reply	Outcome of the Prebid Meeting (10 Aug 2010)
1	NIT	Commercial terms and condition, Sl No 5 page 2 of 2.	Price shall be firm and no reduction should be there in the event of price reduction by NMDC (NIT annexure-2) please confirm	As per NIT	Noted and agreed
2	NIT	Details of Interface area. ie between RMHS & Sinter plant, RMHS & Blast Furnace etc	Details not available. Please provide the same.	Please refer Revised layout drawing and Flow diagram	Noted and agreed
3	NIT	Final paint of building structures and technological structures	Whether final painting to be done after erection or before erection and it is in whose scope?	Final painting is in bidder's scope and it is after erection	Noted and agreed
4	NIT	Crusher House - DE system/ Ds system	We feel in crusher house DE system should be provided. Please confirm	DE system is not in Bidder's scope	Noted and agreed
5	NIT	Free issue steel by BHEL	BHEL to provide free issue steels to bidder's work place on FOR destination basis. Please confirm	Shall be delivered at site. However unloading and storage is in bidder's scope. Suitable Bank guarantee and bailment agreement to be furnished for free issue of steel for fabrication.	Noted and agreed

10/8/10
(Rajesh Kumar)
M/s L&T

16/8/2010
(RM Savadatti)
M/s BHEL

**3.0 MTPA Integrated Steel Plant at Nagarnar, Chattisgarh for NMDC
Prebid Meeting on 10 Aug 2010: Mechanical Package-I (Conveyors and Structures)**

Promac

Sl No	Reference	Description	Bidders Comments	BHEL's Reply	Outcome of the Prebid Meeting (10 Aug 2010)
1	TS	Belting for scope of SCR M/C	Belting for scope of SCR M/C shall be in scope of Bidder or provided by BHEL ?	Yard conveyor beltings are in bidder's scope. Boom conveyor and intermediate conveyors are part of SCR M/C.	Noted and agreed
2	TS	Structural scope	What is the scope of structural works like gantries, tressles.	All structural works associated to conveyors are under bidder's scope	Noted and agreed
3	TS	HT Motor & LT Motor	HT Motor & LT Motor break-up. In terms of Kw rating.	AS per GTS Ch 03	Noted and agreed
4	TS	DE system	DE system in BHEL or Bidder scope ?	DE system is not in bidder's scope	Noted and agreed
5	TS	Cables	Cables in BHEL or Bidder scope.	as per NIT	Noted and agreed
6	TS	spares	Whether Commissioning spares is in bid evaluation	Yes. Separate list of commissioning spares to be provided.	Noted and agreed
7	TS	spares	Whether Two years spares is in bid evaluation	No. However separate List shall be provided with unit price.	Noted and agreed
8	TS	Quoting as Consortium	Can we quote as consortium?. If so provide format if any.	as per NIT	Noted
9	TS	Deck plate	Deck plate to be considered throughout length or at feed or discharge	As per GTS Ch 06 Sl No 14	Noted and agreed
10	TS	Power supply for all equipment	Power supply for all equipment BHEL or Vender scope.	As per scope division	Noted and agreed
11	TS	solveny certificate	Appendix- 6 solveny certificate format	To be produced if required	Noted and agreed
12	TS	Inline equipment of Conveyors	Inline equipment of Conveyors. Bidder or Vender scope.	Bidder's scope	Noted and agreed

13	TS	Electrical system	Brief scope of Electrical to given.	as per NIT	Noted and agreed
14	TS	Electrical system	Electrical system for DS/SW/CW/DWS are scope of Bidder or BHEL.	Not in bidder's scope	Noted and agreed

M/s Promad

Handwritten signature
12/01/10

M/s BHEL

Handwritten signature
10/04/2010
R. S. Saxena