



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT: VIZ-M1277:TCN-02

Date: 16-12-2011

Sub	Tender change notice (TCN) 02.	
Job	Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package for 2x520 MW HNPCL, Vizag Thermal Power Project.	
Ref	1.0	Tender no PSER:SCT:VIZ-M1277:11
	2.0	BHEL's NIT, vide reference no PSER:SCT:VIZ-M1277:2593, dated 21-11-2011.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:VIZ-M1277:TCN-01, dated 09-12-2011.
	4.0	All other pertinent issues till date.

With reference to above, following points/ documents, relevant to tender, may please be noted and complied with while submitting offer.

- 1.0 The clarifications furnished to bidder's queries is attached in Annexure-A.
- 2.0 Revised 'No deviation certificate' as per enclosed Annexure-2. Bidder shall submit no deviation certificate as per enclosed format only.
- 3.0 All other terms & conditions shall remain unchanged.

Thanking you,

Yours faithfully,
for BHARAT HEAVY ELECTRICALS LTD

ENGR (SCT)

Encl

- 1.0 As above.

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

POWER SECTOR EASTERN REGION, DJ-9/1, SECTOR-II, SALT LAKE CITY, KOLKATA - 700 091

फैक्स/Fax : (033) 23211960 फोन/Phone : बोर्ड/EPABX : 23211691, 23211798, 23211796

FORMAT FOR NO DEVIATION CERTIFICATE
(To be submitted in the bidder's letter head)

BHARAT HEAVY ELECTRICALS LIMITED,
Power Sector - Eastern Region,
Plot no 9/1, DJ Block, Sector – II, Salt Lake City,
Kolkata – 700 091

Sub	No Deviation Certificate.	
Job	Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package for 2x520 MW HNPCL, Vizag Thermal Power Project.	
Ref	1.0	Tender no PSER:SCT:VIZ-M1277:11
	2.0	BHEL's NIT, vide reference no PSER:SCT:VIZ-M1277:2593, dated 21-11-2011.
	3.0	BHEL's TCN-01, vide reference no PSER:SCT:VIZ-M1277:TCN-01, dated 09-12-2011.
	4.0	BHEL's TCN-02, vide reference no PSER:SCT:VIZ-M1277:TCN-02, dated 16-12-2011.
	All other pertinent issues till date.	

Dear Sirs,

With reference to above, this is to confirm that as per tender conditions, we have visited site before submission of our offer and noted the job content & site conditions etc. We also confirm that we have not changed/ modified the tender documents as appeared in the website/ issued by you and in case of such observance at any stage, it shall be treated as null and void.

We hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT. We hereby confirm our unqualified acceptance to all terms & conditions, unqualified compliance to technical specification, integrity pact (if applicable) and acceptance to reverse auctioning process.

In the event of observance of any deviation in any part of our offer at a later date whether implicit or explicit, the deviations shall stand null & void.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

(Signature, date & seal of authorized representative of the bidder)

Ref. TCN-02 to Tender No.
PSER:SCT:VIZ-M1277:11
ANNEXURE-A_Appendix-1(Welding Consumables Supplier LIST)

BHARAT HEAVY ELECTRICALS LIMITED TIRUCHIRAPALLI-620014 SUPPLIER DEVELOPMENT CELL LIST OF APPROVED WELDING CONSUMABLES SUPPLIERS AS ON : 10.04.2010.						
SL NO.	MATL GROUP	SPECIFICATION	SUPPLIE RCODE	VENDOR NAME / PLACE	BRAND NAME	APPLICATION FOR
1	ATFFL	SAW FLUX WCPI-412	10081	ESAB INDIA LTD	OK.FLUX 10.81LS	
2	DRMFL	SAW FLUX WCPI-403	20047	NIKKO BOEKI COMPANY,JAPAN	MF-38	
	DRMFL	SAW FLUX WCPI-403	11712	TAPADIA ENGINEERS & TRADERS P.LTD.	TAPADIA GR-80M	
	DRMFL	SAW FLUX WCPI-403	10305	WELD WELL SPECIALITY PVT LTD	MF-38	
3	FINFL	SAW FLUX WCPI-405	11299	JHAVERI WELDFLUX LTD	CYLOWELD-44	
4	HESFL	ER309LMO	20476	AB.SANDVIK STEEL		
5	IMPFL	STRFL	10081	ESAB INDIA LTD	OK FLUX.10.62	
5A	IMTFL	SAW FLUX WCPI-411	10081	ESAB INDIA LTD	OK.FLUX 10.71L	
6	MIGW1	ER80S-G (1/2MO) GMAW WIRE	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER DMO -1G	
	MIGW1	ER80S-G (1/2MO) GMAW WIRE	20563	BOHLER THYSSEN SCHWEISSTECHNIK	UNION I Mo	
	MIGW1	ER80S-G (1/2MO) GMAW WIRE	91033	MERIDIAN EXPORTS	BOHLER DMO -1G	
	MIGW1	ER80S-G (1/2MO) GMAW WIRE	20047	NIKKO BOEKI COMPANY,JAPAN	MGS-M	
	MIGW1	ER80S-G (1/2MO) GMAW WIRE	10305	WELD WELL SPECIALITY PVT LTD	MGS-M	
7	MIGW2	ER80S-G (1CR 1/2MO) GMAW WIRE	21461	INDUSTRIA NAZIONALE ELETTRODI S.p.A.,ITALY	INEFIL B2	
	MIGW2	ER80S-G (1CR 1/2MO) GMAW WIRE	91033	MERIDIAN EXPORTS	INEFIL B2	
	MIGW2	ER80S-G (1CR 1/2MO) GMAW WIRE	21411	METRODE PRODUCTS, U.K.	METRODE ER80S-B2	
	MIGW2	ER80S-G (1CR 1/2MO) GMAW WIRE	20047	NIKKO BOEKI COMPANY,JAPAN	MGS-1CM	
	MIGW2	ER80S-G (1CR 1/2MO) GMAW WIRE	10305	WELD WELL SPECIALITY PVT LTD	MGS-1CM	
8	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	20563	BOHLER THYSSEN SCHWEISSTECHNIK	UNION I CrMo 910	
	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	21461	INDUSTRIA NAZIONALE ELETTRODI S.p.A.,ITALY	INEFIL B3	
	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	91033	MERIDIAN EXPORTS	INEFIL B3	
	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	21411	METRODE PRODUCTS, U.K.	METRODE ER80S-B3	
	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	20047	NIKKO BOEKI COMPANY,JAPAN	MGS-2CM	
	MIGW3	ER90S-G(2.25CR 1MO) GMAW WIRE	10305	WELD WELL SPECIALITY PVT LTD	MGS-2CM	
9	MIGW4	ER347 GMAW WIRE	91033	MERIDIAN EXPORTS	UTP A 68	
	MIGW4	ER347 GMAW WIRE	20047	NIKKO BOEKI COMPANY,JAPAN	MGS-347Si	
	MIGW4	ER347 GMAW WIRE	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP A 68	
	MIGW4	ER347 GMAW WIRE	10305	WELD WELL SPECIALITY PVT LTD	MGS-347Si	
10	MIGW5	ERNICR3 GMAW WIRE	20047	NIKKO BOEKI COMPANY,JAPAN	MGS-70NCb	
	MIGW5	ERNICR3 GMAW WIRE	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP A 068 HH	
	MIGW5	ERNICR3 GMAW WIRE	10305	WELD WELL SPECIALITY PVT LTD	MGS-70NCb	
11	MIGW6	MIG ER90S-B9 GMAW WIRE	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER C9 MV-1G	
	MIGW6	MIG ER90S-B9 GMAW WIRE	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT MTS-3	
	MIGW6	MIG ER90S-B9 GMAW WIRE	21411	METRODE PRODUCTS, U.K.	9CrMoV-N MIG	

ANNEXURE-I

	MIGW6	MIG ER90S-B9 GMAW WIRE	21410	OERLIKON WELDING LTD., SWITZERLAND		
12	MIGW7	ER70S-6 CO2 WIRE	10785	ADOR WELDING LIMITED	AUTOMIG - 1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	14791	ANAND ARC LTD.,CHENNAI.	ANAND MIG 1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	10081	ESAB INDIA LTD.,CHENNAI	ESAB MW1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	16166	EVERSHINE WIRES	SHINE ARC -1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	16661	KLINWELD WIRES PVT. LTD.,MUMBAI.	KLINWELD.	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	15100	MANTEK WIRESS	MANTEK MIG	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	13906	MARUTI WELD LTD.	MARUTI MIG	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	14340	NALLI ARC INDUSTRIE	NALLI ARC	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	16662	NATIONAL ENGINEERING ENTERPRISES, JAMSHEDPUR	CARBOMIG S6	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	15810	NOUVEAX INDUSTRIES (P) LTD,KANGAYAM	NOUVARC	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	13693	RASI ELECT.,CHENNAI	RASI CO2	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	14428	SHAKUNT ENTERPRISES PVT LTD,LUDHIANA.	SANWALKA Xtra Arc	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	16575	STANDARD WIRE PRODUCTS.	STAR	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	15085	VOLTARC ELECTRODE PVT. LTD.,TIRUPATHI	AUTOFIL - 6	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	14455	WIRE & WIRE PRODUCTS, CHENNAI	ESSARC	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	11288	JAGSHANN INDUSTRIES.NAGPUR	JAGM1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	17842	PRECISION DRAWEL PVT. LTD., NAGPUR	PRECISION	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	17841	PRASHANTH CYLINDERS PVT. LTD., BANGALORE.	PRAWELD	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	16548	WELD EXCEL INDIA LTD., LUDHIANA	EXCEL MAG1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	17644	VARUN ELECTRODES PVT. LTD.,PANIPET	PRIMA MIG / MAG	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	18705	MARGARDSHAMMAR INDIA LTD, NEW DELHI.	GMM	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	13690	GEE LIMITED,THANE	GM 70	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	13211	D&H WELDING ELECTRODES (INDIA) LTD.	MIGARC WS - 6	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	10774	D&H SECHERON ELECTRODES PVT LTD.	AUTO THRME - 1	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	11528	RAAJARATNA ELECTRODES PVT. LTD,MEHSANA	RAAJMIG - 1(LAYER)	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	14575	WELD ALLOY PRODUCTS,NOIDA	M.W.A.70S	STRUCTURAL
	MIGW7	ER70S-6 CO2 WIRE	15101	PRECISION WELDARC LTD,KOLKATA	PWL MIG 2	STRUCTURAL
13	P91FL	SAW FLUX ASME SFA 5.23	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER BB 910	
	P91FL	SAW FLUX ASME SFA 5.23	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	MARATHON 543	
	P91FL	SAW FLUX ASME SFA 5.23	10081	ESAB INDIA LTD.,CHENNAI	OK 10.93	
	P91FL	SAW FLUX ASME SFA 5.23	21411	METRODE PRODUCTS, U.K.	LA 491	
	P91FL	SAW FLUX ASME SFA 5.23	20047	NIKKO BOEKI COMPANY,JAPAN		
	P91FL	SAW FLUX ASME SFA 5.23	21410	OERLIKON WELDING LTD., SWITZERLAND		
14	PIPFL	SAW FLUX WCPI 404	10081	ESAB INDIA LTD	ESAB BRD-1	
	PIPFL	SAW FLUX WCPI 404	11299	JHAVERI WELDFLUX LTD	FJB-1.2	
15	PPMFL	PPM FLUX WCPI - 409	12184	LAKSHMI CHEMICAL INDUSTRIES	LAK-40	
	PPMFL	PPM FLUX WCPI - 409	11701	SUPER WELD PRODUCTS	SWP-50	
16	SSOFL	SS OVERLAY FLUX WCPI 407	10785	ADOR WELDING LIMITED	AUTOMELT S-76	
	SSOFL	SS OVERLAY FLUX WCPI 407	10015	ANITA FLUXES ALLOY SPECIALITY	ST-410	
17	STRFL	SAW FLUX FOR STRUCTURAL	10785	ADOR WELDING LIMITED	AUTOMELT Gr. II	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	12184	LAKSHMI CHEMICALS INDS., TRICHY	LAXMI FLUX	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	13691	MANTEK WELDED FLUX CO	MANTEK - 22	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	14593	RMH CHEMICAL,TRICHY-15	RMH Autoweld Gr.I	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	14309	S.CHEM&ALLIED PRODUCTS PRIVATE. LTD	SURE FLUX GP	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL		SUPER ELEC INDS, TRICHY	SUPER S41	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	11701	SUPERWELD PRODUCTS, PULIVALAM	SWP40T	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	19145	WELMET TECHNOLOGIES PVT. LTD,NAGPUR.	WELMET FLUX 81L -	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	15099	THERMIT ALLOYS LTD., SHIMOGA	CONWELD - RM	STRUCTURAL

ANNEXURE-I

	STRFL	SAW FLUX FOR STRUCTURAL	17381	NOUVEOFLUX CHEMICAL COMPANY,KANGAYAM	NOUVOFLUX	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	13211	D&H WELDING ELECTRODES (INDIA) LTD.	SUPERMELT II	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	11712	TAPADIA ENGINEERS & TRADERS P.LTD.	TPD-50	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	15084	DWEKAM ELECTRODES LTD,INDORE	MERGEARC SFA-2	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	15085	VOLTARC ELECTRODE PVT. LTD.,TIRUPATHI	SUBARC-1 (EL-8)	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	19695	SUBMER FLUX TECHNOLOGIES,PULIVALAM	SHINE FLUX	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	19735	RENUKA FLUXES COMPANY,SALEM	RENUKA	STRUCTURAL
	STRFL	SAW FLUX FOR STRUCTURAL	14791	ANAND ARC LTD.,CHENNAI.	ANAND MELT - 1	STRUCTURAL
18	TIGW1	ER70S -A1 GTAW ROD	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER DMO-1G	
	TIGW1	ER70S -A1 GTAW ROD	20563	BOHLER THYSSEN SCHWEISSTECHNIK	UNION I Mo	
	TIGW1	ER70S -A1 GTAW ROD	15083	MARUTHI ELECTRODES (P) LTD	MARUTHI TA1	
	TIGW1	ER70S -A1 GTAW ROD	20047	NIKKO BOEKI COMPANY,JAPAN	TGS-M	
	TIGW1	ER70S -A1 GTAW ROD	20067	UTP SCHWEISS MATERIAL GMBH & C	A642	
	TIGW1	ER70S -A1 GTAW ROD	10305	WELD WELL SPECIALITY PVT LTD	TGS-M	
	TIGW1	ER70S -A1 GTAW ROD	10774	D&H SECHERON ELECTRODES PVT LTD.	F Cr Mo	
19	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	21461	INDUSTRIA NAZIONALE ELETTRODI S.p.A.,ITALY	INETIG B2	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	91033	MERIDIAN EXPORTS	INETIG B2	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	21411	METRODE PRODUCTS, U.K.	METRODE ER80S-B2	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	20047	NIKKO BOEKI KAISHA LTD	TGS-1CM	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	10305	WELD WELL SPECIALITY PVT LTD	TGS-1CM	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	10774	D&H SECHERON ELECTRODES PVT LTD.	F Cr Mo - 1	
	TIGW2	ER80SG 1.25CR 1/2MO GTAW ROD	15083	MARUTHI ELECTRODES (P) LTD, BANGALORE	MARUTHI TB2	
20	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	20563	BOHLER THYSSEN SCHWEISSTECHNIK	UNION-I CRMO 910	
	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	21461	INDUSTRIA NAZIONALE ELETTRODI S.p.A.,ITALY	INETIG B3	
	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	21411	METRODE PRODUCTS, U.K.	METRODE ER90S-B3	
	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	20047	NIKKO BOEKI KAISHA LTD	TGS-2CM	
	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	10305	WELD WELL SPECIALITY PVT LTD	TGS-2CM	
	TIGW3	ER90SG-2 1/4CR 1MO GTAW ROD	15083	MARUTHI ELECTRODES (P) LTD, BANGALORE	MARUTHI TB3	
21	TIGW4	ER347 GTAW ROD	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT-H347	
	TIGW4	ER347 GTAW ROD	20390	METRODE PRODUCTS LIMITED	347S96 TIG	
	TIGW4	ER347 GTAW ROD	20047	NIKKO BOEKI COMPANY,JAPAN	TGS-347	
	TIGW4	ER347 GTAW ROD	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP A 68	
	TIGW4	ER347 GTAW ROD	10305	WELD WELL SPECIALITY PVT LTD	TGS-347	
22	TIGW5	ERNICR3 GTAW ROD	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT NICRO 82	
	TIGW5	ERNICR3 GTAW ROD	15083	MARUTHI ELECTRODES (P) LTD	ERNICR3	
	TIGW5	ERNICR3 GTAW ROD	20047	NIKKO BOEKI COMPANY,JAPAN	TGS-70NCb	
	TIGW5	ERNICR3 GTAW ROD	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP A 068 HH	
	TIGW5	ERNICR3 GTAW ROD	10305	WELD WELL SPECIALITY PVT LTD	TGS-70NCb	
23	TIGW6	TUNGSTEN ELECTRODE-2% THORIATED	20429	PLANSEE AKTIENGESELLSCHAFT		
24	TIGW7	TIG ER90S-B9	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER C9 MV-1G	

ANNEXURE-I

	TIGW7	TIG ER90S-B9	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT MTS-3	
	TIGW7	TIG ER90S-B9	21411	METRODE PRODUCTS, U.K.	9CrMoV-N TIG	
	TIGW7	TIG ER90S-B9	20047	NIKKO BOEKI COMPANY, JAPAN	TGS-90 B9	
	TIGW7	TIG ER90S-B9	21410	OERLIKON WELDING LTD., SWITZERLAND		
25	WCA08	E7018-A1	10774	D&H SECHERON ELECTRODES PVT LTD.	MOLYTHERME	
	WCA08	E7018-A1	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	ULTIMATE 18A1	
	WCA08	E7018-A1	11420	MODI ARC ELECTRODES CO.	MODI 7018A1	
	WCA08	E7018-A1	13906	MARUTI WELD LIMITED. NEW DELHI	ULTRA 7018 -A1	STRUCTURAL
	WCA08	E7018-A1	10785	ADOR WELDING LTD.	MOLYTEN	STRUCTURAL
	WCA08	E7018-A1	10081	ESAB INDIA LTD.	OK 74.46	STRUCTURAL
	WCA08	E7018-A1	13690	GEE LTD.,THANE	GRIDUCT-2	STRUCTURAL
26	WCA09	E8013-B2	10774	D&H SECHERON ELECTRODES PVT LTD.	MEDIO-CrMo	
27	WCA10	E8018-B2	10785	ADOR WELDING LIMITED	CROMOTEN	STRUCTURAL
	WCA10	E8018-B2	10774	D&H SECHERON ELECTRODES PVT LTD.	CROMOTHERME-1	
	WCA10	E8018-B2	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	ULTIMATE - 80 B2	
	WCA10	E8018-B2	11378	MAILAM INDIA LTD	MAILARC - 1CR	
	WCA10	E8018-B2	11420	MODI ARC ELECTRODES CO.	MODI 8018B2	
	WCA10	E8018-B2	13906	MARUTI WELD LIMITED. NEW DELHI	ULTRA - CR-1	STRUCTURAL
	WCA10	E8018-B2	14040	MANTEK ELECTRODS PRIVATE LTD	MANTEK CROMO 1	STRUCTURAL
28	WCA11	E9013-B3	10774	D&H SECHERON ELECTRODES PVT LTD.	MEDIO-2CrMo	
29	WCA12	E9018-B3	10785	ADOR WELDING LIMITED	CROMOTEN-C	STRUCTURAL
	WCA12	E9018-B3	10774	D&H SECHERON ELECTRODES PVT LTD.	CROMOTHERME-2	
	WCA12	E9018-B3	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	ULTIMATE - 90 B3	
	WCA12	E9018-B3	11420	MODI ARC ELECTRODES CO.	MODI 9018B3	
	WCA12	E9018-B3	13906	MARUTI WELD LIMITED. NEW DELHI	ULTRA - CR-2	STRUCTURAL
	WCA12	E9018-B3	11378	MAILAM INDIA LTD	MAILARC-2Cr	STRUCTURAL
	WCA12	E9018-B3	14040	MANTEK ELECTRODS PRIVATE LTD	MANTEK CROMO 2	STRUCTURAL
30	WCA14	E11018M	10774	D&H SECHERON ELECTRODES PVT LTD.	ULTRATENSAL-MH	
	WCA14	E11018M	10081	ESAB INDIA LTD	ESAB 118	
31	WCA15	E9018-B9	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	FOX C 9 MVS	
	WCA15	E9018-B9	10148	MERDIAN EXPORTS	FOX C 9 MVS	
32	WCA17	E8018-B6	10774	D&H SECHERON ELECTRODES PVT LTD.	CROMOTHERME-5	
33	WCA18	E8016C2	10774	D&H SECHERON ELECTRODES PVT LTD.	NITHEREME-3.5	
34	WCA19	E7016C2	10774	D&H SECHERON ELECTRODES PVT LTD.		
35	WCA20	E8018-B2(IMPACT @-18 DEG C)	10774	D&H SECHERON ELECTRODES PVT LTD.	CROMOTHERME -1(MOD)	
36	WCA21	E8018-D3	10774	D&H SECHERON ELECTRODES PVT LTD.	MOLYTHERME (EXTRA)	
37	WCA22	E8018-B9	10774	D&H SECHERON ELECTRODES PVT LTD.	CROMOTHERME-9	
38	WCA23	SMAW ELECTRODE E9015	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	FOX C9MV	
	WCA23	SMAW ELECTRODE E9015	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT MTS-3	
	WCA23	SMAW ELECTRODE E9015	20630	KOBE STEELS LIMITED		
	WCA23	SMAW ELECTRODE E9015	21411	METRODE PRODUCTS, U.K.	CHROMET 9MV-N	
	WCA23	SMAW ELECTRODE E9015	20047	NIKKO BOEKI COMPANY, JAPAN		
	WCA23	SMAW ELECTRODE E9015	21410	OERLIKON WELDING LTD., SWITZERLAND	CHROMOCORD 9M	
39	WCC01	E6013	10785	ADOR WELDING LIMITED	METALBOND	STRUCTURAL
	WCC01	E6013	14429	ALPHA FLUX AND ELECTRODES, THURAIYUR.	WELDER-G	STRUCTURAL
	WCC01	E6013	13763	CLASSIC ELECTRODES (I) PVT LTD, KOLKATTA	CLASSIC 6013 PLUS	STRUCTURAL
	WCC01	E6013	10774	D&H SECHERON ELECTRODES PVT LTD.	NORMA	
	WCC01	E6013	13211	D&H WELDING ELECTRODES (INDIA) LTD.	STANDARD	STRUCTURAL
	WCC01	E6013	15084	DWEKAM ELECTRODES PVT. LTD., INDORE	DK 13	STRUCTURAL

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	WCC01	E6013	10081	ESAB INDIA LTD	ESAB FERROSPEED PLUS	
	WCC01	E6013	11881	FUSION ENGG. PRODUCT LTD.	ELECTRA-6	STRUCTURAL
	WCC01	E6013	13690	GEE LTD.,THANE	GEECON PINK	STRUCTURAL
	WCC01	E6013	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	REGULAR-S	STRUCTURAL
	WCC01	E6013	11378	MAILAM INDIA LTD	MAILARC - 13R	
	WCC01	E6013	11380	MALU ELECTRODES PVT.LIMITED	MANGALAM E 6013	STRUCTURAL
	WCC01	E6013	14040	MANTEK ELECTRODES PRIVATE LTD.	MANTEK GP-13	STRUCTURAL
	WCC01	E6013	15083	MARUTHI ELECTRODES (P) LTD	MARUTHI 6013 X	STRUCTURAL
	WCC01	E6013	13906	MARUTI WELD LIMITED. NEW DELHI	MARUTI 44	STRUCTURAL
	WCC01	E6013	11420	MODI ARC ELECTRODES CO.	STEELON STD	
	WCC01	E6013	15088	NIVETHA ELECTRODES. TIRUCHY-7	MADAL ARC	STRUCTURAL
	WCC01	E6013	13693	RASI ELECT.,CHENNAI	RASI E6013	STRUCTURAL
	WCC01	E6013	13911	ROYAL ARC ELECTRODES PVT. LTD	ROYAL S	STRUCTURAL
	WCC01	E6013	15086	SRI RENGAL ELECTRODES (P) LTD	SUNSHINE E-6013	STRUCTURAL
	WCC01	E6013	15080	SUNCRAFT ELECTRODES PVTLTD. TRICHY	SUNCRAFT E 6013	STRUCTURAL
	WCC01	E6013	15081	ANNAI SIVAKAMI AMMAL INDUSTRIES,	SUNLINE-27	STRUCTURAL
	WCC01	E6013	15087	V.N.C. ELECTRODES . KARUR	BEST ARC MS11	STRUCTURAL
	WCC01	E6013	15085	VOLTARC ELECTRODE,TIRUPATHI	SPEED ARC	STRUCTURAL
	WCC01	E6013	15082	ROYAL WELD WIRE PVT. LTD,KANCHIPURAM DIST.	JACKSUN 5	STRUCTURAL
	WCC01	E6013	14575	WELD ALLOY PRODUCTS,UP	WA - 6013 - S	STRUCTURAL
	WCC01	E6013	17451	WELDWELL ELECTRODES, NAGPUR	WELDFAST SUPER	STRUCTURAL
	WCC01	E6013	16548	WELD EXCEL INDIA LTD	EXCEL - 13S.	STRUCTURAL
	WCC01	E6013	15090	RAJ KESARI ELECTRODES PRIVATE LTD	RAJCORD - 13S	STRUCTURAL
	WCC01	E6013	15102	SOLARC WELD RODS	VATSARC 19 PLUS	STRUCTURAL
	WCC01	E6013	17664	ELMARK ELECTRODES PVT. LTD, CHENNAI	ELMARK 11	STRUCTURAL
	WCC01	E6013	17643	SUNDEEP ELECTRODES PVT. LTD, HAPLI	SUNDEEP S	STRUCTURAL
	WCC01	E6013	17661	ALPHA WELDING & ALLIED PRODUCTS PVT. LTD., BANGALORE	LG	STRUCTURAL
	WCC01	E6013	17644	VARUN ELECTRODES PVT. LTD, PANIPET	PRIMA 6013-S	STRUCTURAL
	WCC01	E6013	17801	JAIN ELECTRODES,KOTA	SUN WELD	STRUCTURAL
	WCC01	E6013	17802	SRI VARSHA ELECTRODES,KAKKALUR.	BLAZE ARC	STRUCTURAL
	WCC01	E6013	17812	VICTOR ELECTRODES LIMITED,NEW DELHI	VICTOR 6013 PLUS	STRUCTURAL
	WCC01	E6013	17813	K.M.CROWN WELDING CONSUMABLES PVT. LTD., DEWAS	CROWN 13S	STRUCTURAL
	WCC01	E6013	17815	CALCUTTA ELECTRODES PVT. LTD., RAIPUR.	SIVA - S	STRUCTURAL
	WCC01	E6013	17820	SETH ELECTRODES PVT. LTD., KHURAI (M.P)	KAYNOZ 7S	STRUCTURAL
	WCC01	E6013	18433	NUCOR WELD (INDIA) PVT., LTD, BANGALORE	EKNOWELD	STRUCTURAL
	WCC01	E6013	18540	KOLLIPARA ELECTRODES PVT., LTD, PENEMALURU,A.P.	KELARC 6013.	STRUCTURAL
	WCC01	E6013	19111	SPECTRA SUPER ALLOYS LTD,JAMSHEDPUR	SUDO 6013.	STRUCTURAL
	WCC01	E6013	18597	SHIELDARC EQUIPMENTS PVT. LTD,KOLKATA	ESL' ARC -62	STRUCTURAL
	WCC01	E6013	15089	WELDCRAFT PRIVATE LIMITED,BANGALORE	MAXIMA 6013X	STRUCTURAL
	WCC01	E6013	18300	SUPERON SCHWEISSTECHNIK INDIA LTD,HARYANA.	OVERCORD S	STRUCTURAL
	WCC01	E6013	18705	MARGARDSHAMMER INDIA LTD,NEW DELHI	GM 20	STRUCTURAL
	WCC01	E6013	18846	COSMOS ELECTRODES PVT., LTD. INDORE	ATLAS - 13	STRUCTURAL
	WCC01	E6013	19305	MURLI ELECTRODE PVT. LTD, NAGPUR.	WONDER WELD	STRUCTURAL
	WCC01	E6013	15833	THIRUMALA ELECTRODES Co., TRICHY.	SEVEN ARCS E6013	STRUCTURAL
	WCC01	E6013	11528	RAAJARATNA ELECTRODES PVT. LTD,MEHSANA	RATNA 6013X	STRUCTURAL
	WCC01	E6013	19751	FINE WELD ELECTRODESS INDIA (P) LTD,COIMBATORE	MECA E6013	STRUCTURAL
	WCC01	E6013	19745	MEGA WELD TECHNOLOGIES,COIMBATORE	MEGA E6013	STRUCTURAL
	WCC01	E6013	19875	ABIRAMI ELECTRODES,	SUNWELD	STRUCTURAL
	WCC01	E6013	19906	BAGHERWAL ELECTRODES PVT. LTD,INDORE	MONARC-S	STRUCTURAL
40	WCC02					
41	WCC03	E7048	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL-DH70	STRUCTURAL
42	WCC04	E7016	10774	D&H SECHERON ELECTRODES PVT LTD.	INDOTHERME	

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	WCC04	E7016	10081	ESAB INDIA LTD	ESAB-56	
43	WCC05	E7018	10785	ADOR WELDING LIMITED	SUPABASE 7018	STRUCTURAL
	WCC05	E7018	14791	ANAND ARC LTD.,CHENNAI.	ANAND THERME	STRUCTURAL
	WCC05	E7018	10774	D&H SECHERON ELECTRODES PVT LTD.	SUPRATHERME	
	WCC05	E7018	13211	D&H WELDING ELECTRODES(I) LTD,INDORE	Super-LH	STRUCTURAL
	WCC05	E7018	15084	DWEKAM,CHENNAI	DK-18	STRUCTURAL
	WCC05	E7018	10081	ESAB INDIA LTD	ESAB-36H	STRUCTURAL
	WCC05	E7018	13690	GEE LIMITED , THANE	GRICON GREEN	STRUCTURAL
	WCC05	E7018	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	ULTIMATE-18	STRUCTURAL
	WCC05	E7018	15091	MAGNA ENGG PROD. P LTD,VIJAYAWADA	MAGNA-8	STRUCTURAL
	WCC05	E7018	11378	MAILAM INDIA, PONDICHERRY	MAIL ARC-18	STRUCTURAL
	WCC05	E7018	14040	MANTEK ELECTRODS PVT. LTD., TRICHY	MANTEK LH - 18.	STRUCTURAL
	WCC05	E7018	15083	MARUTHI ELECTRODES (P) LTD	MARUTHI - 7018	STRUCTURAL
	WCC05	E7018	13906	MARUTI WELD LIMITED,DELHI	ULTRA -7018	STRUCTURAL
	WCC05	E7018	11420	MODI ARC ELECTRODES CO.	MODI-7018	
	WCC05	E7018	15090	RAJ KESARI ELECTRODES PRIVATE LTD	SUPERLET - 18	STRUCTURAL
	WCC05	E7018	13693	RASI ELECT.,CHENNAI	RASI E7018 LH	STRUCTURAL
	WCC05	E7018	13911	ROYAL ARC ELECTRODES PVT LTD., THANE	ROYAL THERME	STRUCTURAL
	WCC05	E7018	15082	ROYAL WELD WIRE PVT. LTD,KANCHIPURAM DIST.	JACKSUN 18H	STRUCTURAL
	WCC05	E7018	15102	SOLARC WELD RODS	SUPRADYNE	STRUCTURAL
	WCC05	E7018	15833	THIRUMALA ELECTRODES Co., TRICHY.	SEVEN ARCS 18	STRUCTURAL
	WCC05	E7018	15085	VOLTARC ELECTRODE,TIRUPATHI	SUPERARC	STRUCTURAL
	WCC05	E7018	14575	WELD ALLOY PRODUCTS,UP	WA 7018	STRUCTURAL
	WCC05	E7018	17451	WELDWELL ELECTRODES,NAGPUR	WELDFAST LH-18	STRUCTURAL
	WCC05	E7018	16548	WELD EXCEL INDIA LTD	EXCEL - 18.	STRUCTURAL
	WCC05	E7018	15089	WELDCRAFT PRIVATE LIMITED,BANGALORE	MAXIDURE-7018	STRUCTURAL
	WCC05	E7018	14429	ALPHA FLUX AND ELECTRODES,THURAIYUR.	SUPER WELD 7018	STRUCTURAL
	WCC05	E7018	11881	FUSION ENGG. PRODUCT LTD.	BASICOTE - 6	STRUCTURAL
	WCC05	E7018	15087	V.N.C. ELECTRODES . KARUR	BESTARC LH	STRUCTURAL
	WCC05	E7018	17644	VARUN ELECTRODES PVT. LTD.,PANIPET	PRIMA 7018	STRUCTURAL
	WCC05	E7018	15086	SRI RENGA ELECTRODES (P) LTD	SUNSHINE - 18	STRUCTURAL
	WCC05	E7018	18432	VIJAY ELECTRODES AND WIRES PVT., LTD, CHENNAI	VJ - 7018	STRUCTURAL
	WCC05	E7018	17643	SUNDEEP ELECTRODES PVT. LTD.,HAPUR	SUNDEEP 7018	STRUCTURAL
	WCC05	E7018	17813	K.M.CROWN WELDING CONSUMABLES PVT. LTD., DEWAS	CROWN 18	STRUCTURAL
	WCC05	E7018	18300	SUPERON SCHWEISSTECHNIK INDIA LTD,HARYANA.	SUPERCITO	STRUCTURAL
	WCC05	E7018	19111	SPECTRA SUPER ALLOYS LTD,JAMSHEDPUR	SUDO 7018	STRUCTURAL
	WCC05	E7018	18540	KOLLIPARA ELECTRODES PVT., LTD, PENEMALURU,A.P.	KELARC 7018	STRUCTURAL
	WCC05	E7018	18705	MARGARDSHAMMER INDIA LTD,NEW DELHI	GM 18	STRUCTURAL
	WCC05	E7018	11380	MALU ELECTRODES PVT.LIMITED	MANGALAM E 7018	STRUCTURAL
	WCC05	E7018	18846	COSMOS ELECTRODES PVT., LTD. INDORE	SUPRAMAX 7018	STRUCTURAL
	WCC05	E7018	11528	RAAJARATNA ELECTRODES PVT. LTD,MEHSANA	RATNA 7018	STRUCTURAL
	WCC05	E7018	18433	NUCOR WELD (INDIA) PVT., LTD, BANGALORE	EKNOWELD 7018	STRUCTURAL
44	WCC06	E7018-1	10785	ADOR WELDING LIMITED	TENALLOY	STRUCTURAL
	WCC06	E7018-1	10774	D&H SECHERON ELECTRODES PVT LTD.	SUPRATHERME (SPL)	STRUCTURAL
	WCC06	E7018-1	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	ULTIMATE-18 SPL	STRUCTURAL
	WCC06	E7018-1	18432	VIJAY ELECTRODES AND WIRES PVT., LTD, CHENNAI	VJ - E 7018 - 1	STRUCTURAL
	WCC06	E7018-1	11378	MAILAM INDIA LIMITED,	MAILARC - 18 PLUS	STRUCTURAL
	WCC06	E7018-1	11420	MODI ARC ELECTRODES CO.	MODI 7018 SPL.	STRUCTURAL
	WCC06	E7018-1	13690	GEE LIMITED , THANE	GREECON GREEN SPL.	STRUCTURAL
45	WCC07	E7024	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL 7024	

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46	WCC08	E7018-1(SOUR&HIC)	10785	ADOR WELDING LIMITED	TENALLOY	STRUCTURAL
	WCC08	E7018-1(SOUR&HIC)	10774	D&H SECHERON ELECTRODES PVT LTD.	SUPRATHERME (SPL)	STRUCTURAL
	WCC08	E7018-1(SOUR&HIC)	11227	HONAVAR ELECTRODES LTD	ULTIMATE-18SPL NC	STRUCTURAL
47	WCF01	E71T-1	10785	ADOR WELDING LIMITED	AUTOMIG-FC120	STRUCTURAL
	WCF01	E71T-1	14791	ANAND ARC LTD.,CHENNAI.	ANANDCORD-71	STRUCTURAL
	WCF01	E71T-1	91205	BAJAJ INDUSTRIAL CORPORATION	TWE-711	STRUCTURAL
	WCF01	E71T-1	10081	ESAB INDIA LTD	7100S	STRUCTURAL
	WCF01	E71T-1	21065	HYUNDAI WELDING CO. LTD.,	SUPERCORED 71H	STRUCTURAL
	WCF01	E71T-1	20033	KISWEL LTD		STRUCTURAL
	WCF01	E71T-1	11378	MAILAM INDIA LTD	MGA-12	STRUCTURAL
	WCF01	E71T-1	20047	NIKKO BOEKI KAISHA LTD	DW-100	STRUCTURAL
	WCF01	E71T-1	11459	NIVEK AGENCIES	DW-100	STRUCTURAL
	WCF01	E71T-1	14656	PADMA BALAJI ASSOCIATES,	LW71	
	WCF01	E71T-1	20970	THE SHANGHAI LINCOLN	LW71	STRUCTURAL
	WCF01	E71T-1	14557	TIEN TAI ELECTRODES CO., LTD	TWE-711	STRUCTURAL
	WCF01	E71T-1	10305	WELD WELL SPECIALITY PVT LTD	DW-100	STRUCTURAL
	WCF01	E71T-1	15084	DWEKAM ELECTRODES PVT. LTD., INDORE	COREFIL - 12R	STRUCTURAL
	WCF01	E71T-1	13911	ROYAL ARC ELECTRODES PVT. LTD	ROYAL FIL GS 12R	STRUCTURAL
48	WCF02	E309T0-1	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	THERMIT TG 309 L	
	WCF02	E309T0-1	20047	NIKKO BOEKI COMPANY,JAPAN	DW-309	
	WCF02	E309T0-1	10305	WELD WELL SPECIALITY PVT LTD	DW-309	
49	WCF03	E309LMOT0-1	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	THERMIT TG 309 Mo L	
	WCF03	E309LMOT0-1	20033	KISWEL LTD.,	K-309MOL T	
	WCF03	E309LMOT0-1	20047	NIKKO BOEKI KAISHA LTD	DW-309MOL	
	WCF03	E309LMOT0-1	10306	WELDWELL SPECIALITY PVT LTD	DW-309MOL	
50	WCF04	E81T1 - B2	20033	KISWEL LTD.,	K-81TB2	
	WCF04	E81T1 - B2	11378	MAILAM INDIA LTD	MGA-16	
	WCF04	E81T1 - B2	20047	NIKKO BOEKI COMPANY,JAPAN	DW-81B2	
	WCF04	E81T1 - B2	10305	WELD WELL SPECIALITY PVT LTD	K-81TB2	
51	WCF05	E91T1-B3	20033	KISWEL LTD.,	K-91TB3	
	WCF05	E91T1-B3	20630	KOBE STEELS LIMITED	DW-91B3	
	WCF05	E91T1-B3	20047	NIKKO BOEKI COMPANY,JAPAN	DW-91B3	
52	WCF06	E316LT1-1	20033	KISWEL LTD.,	K-316LT	
	WCF06	E316LT1-1	20047	NIKKO BOEKI COMPANY,JAPAN	DW-316	
	WCF06	E316LT1-1	10305	WELD WELL SPECIALITY PVT LTD	DW-316	
53	WCF07	E308LT0-1	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	EAS-2FD	
	WCF07	E308LT0-1	10148	MERDIAN EXPORTS	EAS-2FD	
54	WCF08	E80 T1-A1	20011	BOHLER SCHWEISSTECHNIK AUSTRIA		
	WCF08	E80 T1-A1	20047	NIKKO BOEKI KAISHA LTD		
55	WCF09	E 71T - 1 BULK PACK	91205	BAJAJ INDUSTRIAL CORPORATION	TWE-711	
	WCF09	E 71T - 1 BULK PACK	10081	ESAB INDIA LTD	OK TUBROD 15.14A	
	WCF09	E 71T - 1 BULK PACK	21065	HYUNDAI WELDING CO. LTD.,	SUPER CORED 71H	
	WCF09	E 71T - 1 BULK PACK	20033	KISWEL LTD.,		
	WCF09	E 71T - 1 BULK PACK	11378	MAILAM INDIA LTD	MGA 12	
	WCF09	E 71T - 1 BULK PACK	20047	NIKKO BOEKI KAISHA LTD	DW-100	
	WCF09	E 71T - 1 BULK PACK	14656	PADMA BALAJI ASSOCIATES,	LW71	
	WCF09	E 71T - 1 BULK PACK	20970	THE SHANGHAI LINCOLN	LW71	
	WCF09	E 71T - 1 BULK PACK	14557	TIEN TAI ELECTRODES CO., LTD	TWE-711	
	WCF09	E 71T - 1 BULK PACK	10306	WELDWELL SPECIALITY PVT LTD	DW-100	
56	WCH01	WCPI HF ELECTRODE	10774	D&H SECHERON ELECTRODES PVT LTD.	BOR-B	
	WCH01	WCPI HF ELECTRODE	10081	ESAB INDIA LTD	ESAB DOROID-350	
57	WCH02	WCPI HF ELECTRODE	10081	ESAB INDIA LTD	ESAB COBALARC	
58	WCH03	ECOCRA	20130	ALCONIX CORPORATION	BISHILITE-6	
	WCH03	ECOCRA	20018	DELORO STELLITE LIMITED	STELLITE-6	

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	WCH03	ECOCRA	20050	NISSHO IWAI CORPORATION	BISHILITE-6	
	WCH03	ECOCRA	10172	NISSHO IWAI CORPORATION		
	WCH03	ECOCRA	10780	P&S INTERNATIONAL	BISHILITE-6	
	WCH03	ECOCRA	10303	VIRGO CONSULTANTS PVT LTD	STELLITE-6	
59	WCH04	ER.C A9	11865	DIFFUSION ENGINEERS LTD		
	WCH04	ER.C A9	13241	ITW WELDING PRODUCTS GROUP		
	WCH04	ER.C A9	20067	UTP SCHWEISS MATERIAL GMBH & C		
60	WCL02	ENICI	10774	D&H SECHERON ELECTRODES PVT LTD.	NFM	
	WCL02	ENICI	11420	MODI ARC ELECTRODES CO.	CASTRON KALT	
61	WCL03	ENIFECI	10081	ESAB INDIA LTD	ESAB 802KG	
62	WCL04	ENI - 1	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-1280	
	WCL04	ENI - 1	10081	ESAB INDIA LTD		
	WCL04	ENI - 1	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP-80Ni	
63	WCL05	ENICU-7	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-1250	
	WCL05	ENICU-7	10081	ESAB INDIA LTD	ESAB MONEL	
	WCL05	ENICU-7	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP 80M	
64	WCL06	ENICRFE2	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-1200T	
	WCL06	ENICRFE2	10081	ESAB INDIA LTD	ESAB CN1G	
	WCL06	ENICRFE2	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP 7015 Mo	
65	WCL07	ENICRFE3	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANITNICO 182	
	WCL07	ENICRFE3	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-1212	
	WCL07	ENICRFE3	20472	SPECIAL METALS WELDING PRODUCTS COM	INCONEL 182	
	WCL07	ENICRFE3	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP 068HH	
66	WCS20	E308-16	10785	ADOR WELDING LIMITED	SUPERINOX-1A	
	WCS20	E308-16	10774	D&H SECHERON ELECTRODES PVT LTD.	RUTOX-A	
	WCS20	E308-16	10081	ESAB INDIA LTD	OK 61.50	
	WCS20	E308-16	11378	MAILAM INDIA LTD	MAILEX-A	
	WCS20	E308-16	11420	MODI ARC ELECTRODES CO.	SS-308	
67	WCS21	E308L-16	10785	ADOR WELDING LIMITED	SUPERINOX-1C	
	WCS21	E308L-16	10774	D&H SECHERON ELECTRODES PVT LTD.	RUTOX-B	
	WCS21	E308L-16	10081	ESAB INDIA LTD	OK 61.30	
68	WCS22	E309-16	10774	D&H SECHERON ELECTRODES PVT LTD.	CRONITHERME-25/12	
	WCS22	E309-16	10081	ESAB INDIA LTD	OK.67.67	
	WCS22	E309-16	11420	MODI ARC ELECTRODES CO.	SS-309	STRUCTURAL
	WCS22	E309-16	13906	MARUTI WELD LIMITED,DELHI	SUPERALLOY 2D	STRUCTURAL
	WCS22	E309-16	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	SILVERSHINE-309	STRUCTURAL
69	WCS23	E309L-16	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL 309L	
	WCS23	E309L-16	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-309L	
	WCS23	E309L-16	10081	ESAB INDIA LTD	OK.67.60	
70	WCS24	E308L-15	10774	D&H SECHERON ELECTRODES PVT LTD.	BATOX-B	
	WCS24	E308L-15	10081	ESAB INDIA LTD	ESAB 304B	
71	WCS25	E309L-15	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-309L-15	
	WCS25	E309L-15	10081	ESAB INDIA LTD	ESAB 309LC	
72	WCS26	E316L-15	10774	D&H SECHERON ELECTRODES PVT LTD.	BATOX-F	
	WCS26	E316L-15	10081	ESAB INDIA LTD	ESAB 316B	
73	WCS27	E310-16	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-310-16	
	WCS27	E310-16	10081	ESAB INDIA LTD	OK.67.13	
74	WCS28	E316-16	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL-316	
	WCS28	E316-16	10774	D&H SECHERON ELECTRODES PVT LTD.	RUTOX-Mo	

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	WCS28	E316-16	10081	ESAB INDIA LTD	OK.63.50	
75	WCS29	E316L-16	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL-316L	
	WCS29	E316L-16	10774	D&H SECHERON ELECTRODES PVT LTD.	RUTOX-D	
	WCS29	E316L-16	10081	ESAB INDIA LTD	OK.63.30	
76	WCS30	E347-16	10785	ADOR WELDING LIMITED	SUPERINOX-1B	
	WCS30	E347-16	10774	D&H SECHERON ELECTRODES PVT LTD.	RUTOX-A(ST)	
	WCS30	E347-16	10081	ESAB INDIA LTD	OK.61.80	
	WCS30	E347-16	11378	MAILAM INDIA LTD	MAILEX-Anb	
	WCS30	E347-16	11420	MODI ARC ELECTRODES CO.	SS-347	
	WCS30	E347-16	13906	MARUTI WELD LIMITED,DELHI	SUPERALLOY 1A (St)	
	WCS30	E347-16	11227	HONAVAR ELECTRODES PVT.LTD, MUMBAI.	SILVERSHINE :347-16	
	WCS30	E347-16		LARSEN & TOUBRO LIMITED,MUMBAI	XUPER FAB E347-16	
77	WCS31	E410-15	10036	BHARAT HEAVY ELECTRICALS LTD	BHEL-410	
	WCS31	E410-15	11378	MAILAM INDIA LTD	MAILEX 410	
	WCS31	E410-15	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H 13Cr	
78	WCS32	E430-15	11378	MAILAM INDIA LTD	MAILEX 430	
	WCS32	E430-15	20050	NISSHO IWAI CORPORATION	CR-43	
	WCS32	E430-15	10172	NISSHO IWAI CORPORATION	CR-43	
	WCS32	E430-15	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H 17Cr	
79	WCS33	E309MO-16	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-309Mo	
	WCS33	E309MO-16	10081	ESAB INDIA LTD	O.K.67.70	
80	WCS34	E312-16	10081	ESAB INDIA LTD	ESAB RSW	
81	WCS35	E309CB-16	10774	D&H SECHERON ELECTRODES PVT LTD.	D&H-309Cb	
	WCS35	E309CB-16	10081	ESAB INDIA LTD	ESAB 309Cb	
82	WCS36	X20 ELECTRODE	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	FOX 20MVW	
	WCS36	X20 ELECTRODE	10148	MERDIAN EXPORTS	FOX 20MVW	
83	WCS37	ARMOUR STEEL ELECTRODE	10774	D&H SECHERON ELECTRODES PVT LTD.	SIAMO	
84	WCT01	HAYNESS ALLOY 25	20130	ALCONIX CORPORATION	BISHILITE No25	
	WCT01	HAYNESS ALLOY 25	10172	NISSHO IWAI CORPORATION	BISHILITE No25	
	WCT01	HAYNESS ALLOY 25	10780	P&S INTERNATIONAL	BISHILITE No25	
	WCT01	HAYNESS ALLOY 25	10313	ZIRCAST LTD	INDELLITE-GR25	
81	WCT02	HAYNESS ALLOY 21	20130	ALCONIX CORPORATION	BISHILITE No21	
	WCT02	HAYNESS ALLOY 21	10041	BHAVANI AGENCY & CO	WT-21	
	WCT02	HAYNESS ALLOY 21	10172	NISSHO IWAI CORPORATION	BISHILITE No21	
	WCT02	HAYNESS ALLOY 21	10780	P&S INTERNATIONAL	BISHILITE No21	
	WCT02	HAYNESS ALLOY 21	20073	WEARTECH INTL INC	WT-21	
85	WCT03	RCOCRA	20130	ALCONIX CORPORATION	BISHILITE NO 21	
	WCT03	RCOCRA	10041	BHAVANI AGENCY & CO	WT-6	
	WCT03	RCOCRA	20018	DELORO STELLITE LIMITED	STELLITE-6 ROD	
	WCT03	RCOCRA	10172	NISSHO IWAI CORPORATION	BISHILITE NO 6 I	
	WCT03	RCOCRA	10780	P&S INTERNATIONAL	BISHILITE NO 6 I	
	WCT03	RCOCRA	10303	VIRGO CONSULTANTS PVT LTD	STELLITE-6 ROD	
	WCT03	RCOCRA	20073	WEARTECH INTL INC	WT-6	
	WCT03	RCOCRA	10313	ZIRCAST LTD	INDELLITE-GR6	
86	WCT04	COBALT BASED POWDER - WCPI 302	20130	ALCONIX CORPORATION	BISHILITE-NO 6 PPOWDER	
	WCT04	COBALT BASED POWDER - WCPI 302	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	CELSIT-VP	
	WCT04	COBALT BASED POWDER - WCPI 302	20018	DELORO STELLITE LIMITED	STELLITE-6W POWDER	
	WCT04	COBALT BASED POWDER - WCPI 302	20321	HOGANAS BELGIUM SA	HMSP2537	
	WCT04	COBALT BASED POWDER - WCPI 302	10745	HOGANAS INDIA LIMITED	HMSP2537	

ANNEXURE-I

	WCT04	COBALT BASED POWDER - WCPI 302	10172	NISSHO IWAI CORPORATION	BISHILITE-NO 6 POWDER	
	WCT04	COBALT BASED POWDER - WCPI 302	10780	P&S INTERNATIONAL	BISHILITE-NO 6 POWDER	
	WCT04	COBALT BASED POWDER - WCPI 302	20067	UTP SCHWEISS MATERIAL GMBH & C	UTP PTA 2.706.10	
	WCT04	COBALT BASED POWDER - WCPI 302	10303	VIRGO CONSULTANTS PVT LTD	STELLITE-6W POWDER	
	WCT04	COBALT BASED POWDER - WCPI 302	20073	WEARTECH INTL INC	WT-6	
						STRUCTURAL
87	WCW01	EL 8WELDING WIRE FOR SAW	10785	ADOR WELDING LIMITED	Automelt Gr.A	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	10081	ESAB INDIA LTD.,CHENNAI	OK AUTROD 12.08L	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW		INDIAN METAL INDS,CALCUTTA	IMI WIRE	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	11288	JAGSHAAN INDUSTRIES . NAGPUR	JAG 1 A	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	15100	MANTEK WIRESS	MANTEK GR.A	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	14340	NALLI ARC INDUSTRIE, KANGAYAM	NALLI SA -1	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	15101	PRECISION WELDARC LTD, KOLKATA	METASPOOL S1 DIA4.00 MM	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	14455	WIRE & WIRE PRODUCTS, CHENNAI	ESARC	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	13693	SUNWIRES	SUNWIRES	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	15810	NOUVEAX INDUSTRIES (P) LTD,KANGAYAM	NOUVAX	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	13693	RASI ELECTRODES LTD, CHENNAI	RASI EL 8	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	15084	DWEKAM ELECTRODES LTD,INDORE	MERGEARC GRADE A	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	15085	VOLTARC ELECTRODE PVT. LTD.,TIRUPATHI	SAW WIRE EL - 8	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	16166	EVERSHINE WIRES, PULIVALAM	SHINE ARC	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	18080	ANNAI SIVAKAMI AMMAL INDUSTRIES,	JTM-9 WIRE	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	14791	ANAND ARC LTD,CHENNAI	ANAND SAW - 1	STRUCTURAL
	WCW01	EL 8WELDING WIRE FOR SAW	19905	T.M.INDUSTRIES,RAIPUR	BRAND - TMI - 1 (S)	STRUCTURAL
88	WCW02	EB3	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER CM 2-UP	
	WCW02	EB3	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	UNION S 1 Cr Mo 2	
	WCW02	EB3	20047	NIKKO BOEKI COMPANY,JAPAN	US-521	
	WCW02	EB3	10305	WELD WELL SPECIALITY PVT LTD	US-521	
89	WCW03	EH14	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	UNION S4	
	WCW03	EH14	10081	ESAB INDIA LTD	OK AUTROD12.40L	
	WCW03	EH14	20047	NIKKO BOEKI KAISHA LTD	US-36	
	WCW03	EH14	10305	WELD WELL SPECIALITY PVT LTD	US-36	
90	WCW04	ER430	10081	ESAB INDIA LTD	OK.AUTROD 430	
	WCW04	ER430	20033	KISWEL LTD.,	M-430	
	WCW04	ER430	10158	mitsui & CO LTD	M-430	
	WCW04	ER430	20047	NIKKO BOEKI KAISHA LTD	US-430	
	WCW04	ER430	10305	WELD WELL SPECIALITY PVT LTD	US-430	
91	WCW05	ER410	20033	KISWEL LTD.,	M-410	
	WCW05	ER410	10158	mitsui & CO LTD	M-410	
	WCW05	ER410	20047	NIKKO BOEKI COMPANY,JAPAN	US-410	
	WCW05	ER410	10305	WELD WELL SPECIALITY PVT LTD	US-410	
92	WCW06	EB2	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	EMS 2 Cr Mo	
	WCW06	EB2	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	UNION S 2 Cr Mo	
	WCW06	EB2	20047	NIKKO BOEKI COMPANY,JAPAN	US-511	
	WCW06	EB2	10305	WELD WELL SPECIALITY PVT LTD	US-511	
93	WCW07	EA3	20047	NIKKO BOEKI COMPANY,JAPAN	US-40	
	WCW07	EA3	10305	WELD WELL SPECIALITY PVT LTD	US-40	
94	WCW08	EA4	20011	BOHLER SCHWEISSTECHNIK AUSTRIA		
	WCW08	EA4	20563	BOHLER THYSSSEN SCHWEISSTECHNIK	UNION S 3 Mo	
	WCW08	EA4	20359	KUSAKABE KIKAI CO.LTD.	KW- 50C	
	WCW08	EA4	20047	NIKKO BOEKI COMPANY,JAPAN	US-49	

ANNEXURE-I

	WCW08	EA4	10305	WELD WELL SPECIALITY PVT LTD	US-49	
95	WCW09	EM12K	20563	BOHLER THYSSEN SCHWEISSTECHNIK	UNION S2SI	
	WCW09	EM12K	10081	ESAB INDIA LTD	OK.AUTROD 12.22L	
	WCW09	EM12K	20359	KUSAKABE KIKAI CO.LTD.	KW- 43B	
	WCW09	EM12K	20047	NIKKO BOEKI KAISHA LTD	US-29	
	WCW09	EM12K	20560	THE LINCOLN ELECTRIC	L61	
	WCW09	EM12K	10305	WELD WELL SPECIALITY PVT LTD	US-29	
	WCW09	EM12K	17840	JAGSHAAN INDUSTRIES	JAG3	STRUCTURAL
	WCW09	EM12K	15101	PRECISION WELDARC LTD, KOLKATA.	PWL SAW3	STRUCTURAL
	WCW09	EM12K	14340	NALLI ARC INDUSTRIE	NALLI EM12K	STRUCTURAL
	WCW09	EM12K	15810	NOUVEAX INDUSTRIES (P) LTD,KANGAYAM	NOUVARC S2	STRUCTURAL
	WCW09	EM12K	14455	WIRE & WIRE PRODUCTS, CHENNAI	ESARK EM12K	STRUCTURAL
96	WCW11	EL8 PPM WIRE	11288	JAGSHAAN INDUSTRIES	JAG-1	
	WCW11	EL8 PPM WIRE	20359	KUSAKABE KIKAI CO.LTD.	KW -43	
	WCW11	EL8 PPM WIRE	20047	NIKKO BOEKI COMPANY, JAPAN	US-43	
	WCW11	EL8 PPM WIRE	10305	WELD WELL SPECIALITY PVT LTD	US-43	
97	WCW12	SFA 5.23 E B9	20011	BOHLER SCHWEISSTECHNIK AUSTRIA	BOHLER C9MV-UP	
	WCW12	SFA 5.23 E B9	20563	BOHLER THYSSEN SCHWEISSTECHNIK	THERMANIT MTS-3	
	WCW12	SFA 5.23 E B9	10081	ESAB INDIA LTD.,CHENNAI	OK 13.35	
	WCW12	SFA 5.23 E B9	21411	METRODE PRODUCTS, U.K.	9CrMoV-N	
	WCW12	SFA 5.23 E B9	20047	NIKKO BOEKI COMPANY, JAPAN		
	WCW12	SFA 5.23 E B9	21410	OERLIKON WELDING LTD., SWITZERLAND		
98	WCF11	ER70S-6 BULK PACK.	10081	ESAB INDIA LTD		
	WCF11	ER70S-6 BULK PACK.	15084	DWEKAM ELECTRODES PVT. LTD., INDORE		
	WCF11	ER70S-6 BULK PACK.	13906	MARUTI WELD LIMITED, DELHI		
	WCF11	ER70S-6 BULK PACK.	15810	NOUVEAX INDUSTRIES (P) LTD,KANGAYAM		
	WCF11	ER70S-6 BULK PACK.	10785	ADOR WELDING LIMITED		
				(R.MOHANAKRISHNAN)		
				MANAGER / SUPPLIER DEVELOPMENT CELL		

Sl. No.	References	Clarifications Sought by Bidders	BHEL'S CLARIFICATION/REPLY
1	<u>Clause No.3.0 Of Notice Inviting Bid</u> Page No 2 Of 12 Earnest Money Deposit (EMD)	We had already submitted 'One Time EMD' to BHEL .Hence, please confirm whether we can submit our tender offer without EMD in line with the existing practice generally followed by BHEL.	Bidders who have maintained one time EMD with BHEL-PSER, need not submit fresh EMD for this tender.However, they shall submit the proof of One Time EMD with the tender.
2	<u>Clause No. 24.0 Of Scc</u> Page No 17 Of 20 <u>Time For Completion</u> 6 months from the date of issue of LOI	Since the proposed works involves lot of procurement activities, the completion time of 6 months is grossly inadequate and shall not be practically feasible. Hence, we request you to modify the time schedule as 8 (Eight) months which is realistic, considering the expected availability of drawings and work fronts at a time. - Please review and confirm the same.	As per tender.
3	<u>SCH-5 for List of Commissioning Spares Price Schedule, Rev-0 of Volume-III</u> Page No. 6 of 8 Break of supply price of Item No. 2.1.7 of SCH-2	It is noticed that there is no such item no. in SCH-2. Please clarify.	Pl. refer revised Vol-III, Rev 1
4	<u>SCH-4 for List of Service Price Schedule, Rev-0 of Volume-III</u> (page No. 5 of 8) In Item Nos. 1.2.1 for Condensate Storage Tanks & Nil for DM Storage Tanks, it is noticed that LS price of total CS Plates for the tanks are to be quoted.	We understand that as the plates are to be issued by M/S BHEL as FIM , LS price for service works for CS Plate works are to be quoted.	As per tender
		Also, sl nos for the items for DM Storage Tanks are not in order.	Pl. refer revised Vol-III, Rev 1
		We considered all the plates even required for Structural supports, Reinforcement Pads etc. are to be supplied by M/S BHEL as FIM. Please clarify/ confirm.	Only Steel plates required for DM storage Tanks and Condensate Storage tanks shall be provided by BHEL free of cost. Supply of all other materials including structural steel for support, is in the scope of the bidder.
5	<u>List for approved Vendors as per Annexure-IV</u> Approved Vendor for CS ERW/Seamless Pipes & CS Fittings	As per the list, only there are two approved vendors for CS ERW/Seamless Pipes & only one single approved vendor for CS Fittings . Hence , please furnish others Vendors/ manufacturers name to get the competitive offers.	Other vendors which can be considered are : 1. CS ERW Pipes & fitting – Ajanta tubes, JINDAL, SAIL 2. Seamless pipes- BHEL-Trichy
6	<u>Clause nos. 1.10 of Technical Specification for Condensate</u>	Please furnish the details of NaOH/ KOH breather and Seal Pot. Also, please furnish the approved vendors name for the	This is to be designed and fabricated by bidder only. There is no approved vendor for the same.

	<u>Storage Tanks (page 2 of 12 to page 3 of 12) and Data sheet A NaOH/ KOH breather and Seal Pot shall be located in the bottom/ ground level</u>	same.	
7	<u>DOC NOs.PE-DC-361-167-S001, sheet no. 02 of 02&.PE-DC-361-167-S002, sheet no. 02 of 02</u> DM Water Inlets, , DM Make-Up Pumps Recirculation , Recirculation Line of DM Regeneration Pumps, Outlet for DM Make-up Pump Suction Header , Sampling Connection, Spare Stub for Instruments, Excess Condensate Dump, CT Pumps Recirculation & Boiler Fill Pump Recirculation	Please mention details of battery limit for ascertain the scope for Bidders for the followings; i)DM Water Inlets, ii) DM Make-Up Pumps Recirculation , iii)Recirculation Line of DM Regeneration Pumps, iv) Outlet for DM Make-up Pump Suction Header v) Sampling Connection vi) Spare Stub for Instruments vii) Excess Condensate Dump viii) CT Pumps Recirculation & ix) Boiler Fill Pump Recirculation. Also, please mention the details specifications for the above.	Bidders scope for these nozzles terminates at socket welded or flanged nozzles as mentioned in data sheets A. Piping connected to these nozzles are not in bidder's scope. Wherever valves are shown with a triangle symbol, the same are also included in bidders's scope.
8	<u>Clause No. 12.0 of Technical Specification for Condensate Storage Tanks (page 9 of 12)</u> Optional Item	Please mention the Optional Items for Spare Parts for 3 years .	Optional Items not applicable.
9.	Welding Electrode for Plate/Structural Steel, Piping works.	Please provide us the names of the approved manufacturers of Welding Electrodes along with Brand Names to be used for the proposed work.	Pl. refer ANNEXURE-A Appendix-1 (Welding Consumables Supplier LIST) issued with this TCN.
10	<u>Clause No. 5.0 of Inviting of Tender</u> <u>Due date of submission of Tender on 12.12.2011 at 15-00 hrs.</u>	Since the proposed work involves a lot of vendor based items such as Instrumentation, Painting , Piping Works etc. and for which adequate time shall be required to prepare a competitive offer after obtaining offers / inputs from various Vendors etc. Moreover, upon receipt of balance drawings/ documents/ inputs from M/S BHEL, some more information's need to be obtained by us , which will require additional time. In view of above, we would request you to kindly extend the due date of submission of tender up to 23.12.2011 . -Please confirm .	Due date extended up to 20-12-2011 (15-00 hrs)..

**VOLUME-III
PRICE SCHEDULE, REV-1**

**Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package
for 2x520 MW HNPCL, Vizag Thermal Power Project.**

TENDER NO - PSER:SCT:VIZ-M1277:11

PREAMBLE

01	This preamble forms part of tender document and schedule of items. The tenderer should read this preamble carefully in rates for various items. Clauses under this preamble shall be read in conjunction with various volumes of tender as per NIT together with subsequent changes/ modifications etc thereto as applicable as on date of submission of price offer.
02	The work shall be carried out strictly as per specifications, description of the items in these schedule and / or engineer's instructions.
03	Items of work provided in this schedule but not covered in this specification shall be executed strictly as per instruction of the engineer.
04	Unless specifically mentioned otherwise in the tender document, the tenderer shall quote for the finished items and shall provide for the complete cost towards power, fuel, tools, tackles, equipment, constructional plants, temporary works, labour, dismantling of all temporary piping, structures, valves, pumps, tanks & other misc equipment, strengthening of roads/culverts/bridges etc including arranging all clearances etc required for carrying out different activities & tests, materials, levies, taxes, transport, layout, repairs, rectification, maintenance till handing over, supervisions, colonies, shops, establishments, overheads, profits and all incidental items not specifically mentioned but reasonably implied and necessary to complete the work according to the tender document and this schedule.
05	The rates quoted shall be inclusive of cleaning of site of any vegetation, dressing and leveling etc including fixing of grid pillars, benchmarks etc required for commencement of site activities. No separate payment will be made towards the same.
06	Rates shall be quoted in figures and in words in clear legible writing. No overwriting is allowed. All scoring and cancellations should be countersigned and in case of illegibility the interpretation of engineer shall be final. All entries shall be in English.
07	The tender shall be deemed to have visited site and made himself aware of all the site conditions, studied the specifications and details of work to be done within the time schedule attached and to have acquainted himself of the conditions prevailing at site.
08	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.
09	Unless otherwise specified and in case of item rate based price schedule and not on lumpsum basis, the quantities of the various items mentioned in this schedule of items are approximate, based on very preliminary information and may vary to any extent or to be deleted altogether. The quoted/ accepted rates shall remain firm and valid as long as variation in total value of work executed under this contract including extra items, but excluding any price escalation, remains within +/- 30% (thirty percent) of the contract price given in the LOI/WO.
10	Engineer's decision shall be final and binding on the contractor regarding clarification of items in the schedule with respect to the other sections/volumes of the contract.

**VOLUME-III
PRICE SCHEDULE, REV-1**

Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package for 2x520 MW HNPCL, Vizag Thermal Power Project.

**TENDER NO - PSER:SCT:VIZ-M1277:11
SCH-1 - MAIN PRICE**

SL NO	DESCRIPTION OF ITEM	ALL INCLUSIVE PRICE (Rs)
1.0	Total lump sum firm price for supply part & service part together for design & engineering, manufacturing, inspection / testing at works as well as at site, duly packed, supply / delivery to site including freight, unloading, storage and handling at site, erection and commissioning, hydro test at site, painting, handing over, tools and tackles, commissioning spares etc. inclusive of all prevailing taxes, duties and other levies, complete with all accessories including instruments required for the total scope defined as per standard specification(PE-TS-STD-167-A001) & Project specific specification(PE-TS-361-167-A001) and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date for Two (2) No. Condensate storage tanks vertical cylindrical with Size as 9.2 M dia X 10.0M Ht. & Two (2) No. DM water Storage tanks vertical cylindrical with Size as 11.8M dia X10.4 M Ht. for 2x520 MW HNPCL, Vizag Thermal Power Project.	
2.0	Total loading value for steel plate (Maximum limit to be supplied by BHEL free of cost as per tender. The value to be worked out by multiplying total quantity of steel plate bidder propose to be supplied by BHEL by the loading rate of Rs. 50,000 per MT). (Loading rate - Rs 50,000.00 per MT).	
3.0	Total price for evaluation (1.0 + 2.0).	

NOTE:

1.0	Bidder to note that total price indicated above at sl no. 2.0 shall be considered for evaluation and hence should be complete in all respect for the full scope defined and considering all terms and conditions agreed.
2.0	Any item not included in the price quoted above and shown separately will not be taken cognizance of and the offer shall be liable for rejection.
3.0	Bidder to furnish break-up of total price (1.0 above of this SCH-1) into other schedules in the following manner.
3.1	SCH-2 - Main price break-up
3.2	SCH-3 - Supply price break-up
3.3	SCH-4 - Service price break-up
3.4	SCH-5 - List of Commissioning Spares
3.5	SCH-6 - Unit rate for Misc Tank package.
4.0	The bidder shall furnish unit rates for various items at the relevant schedule. Unit rates/ prices as above shall not be considered for evaluation. Unit rates/ prices for items shall be applied for addition/ deletion of scope and rates shall be valid through out the contract period, including extension. The unit rates quoted above shall be considered and no separate unit rates shall be quoted. Unit rates shall be valid throughout the contract. Bidder to note that BHEL reserve the right to rationalize the unit rates quoted by L-1 bidder with respect to item-wise lowest rates (amongst the participating bidders), before placement of order.
5.0	Bidder shall attach separate sheets to furnish item-wise price break-up wherever specified in various schedules of this volume.
6.0	In case, price indicated above does not match with the total of item wise break-up given at SCH-3 & 4, the highest price so calculated shall be considered for evaluation but in case of order, the same shall be placed at the lowest price.

VOLUME-III PRICE SCHEDULE, REV-1		
Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package for 2x520 MW HNPCL, Vizag Thermal Power Project.		
TENDER NO - PSER:SCT:VIZ-M1277:11		
SCH-2 - MAIN PRICE BREAK-UP		
SL NO	DESCRIPTION OF ITEM	ALL INCLUSIVE PRICE (Rs)
1.1	Total lump sum firm price for supply part & together for design & engineering, manufacturing, inspection / testing at works as well as at site, duly packed, supply / delivery to site including freight, unloading, storage and handling at site, erection and commissioning, hydro test at site, painting, handing over, tools and tackles, commissioning spares etc. inclusive of all prevailing taxes, duties and other levies, complete with all accessories including instruments required for the total scope defined as per standard specification(PE-TS-STD-167-A001) & Project specific specification(PE-TS-361-167-A001) and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date for Two (2) No. Condensate storage tanks vertical cylindrical with Size as 9.2 M dia X 10.0M Ht. & Two (2) No. DM water Storage tanks vertical cylindrical with Size as 11.8M dia X10.4 M Ht. for 2x520 MW HNPCL, Vizag Thermal Power Project.	
1.2	Total lump sum firm price for service part together for design & engineering, manufacturing, inspection / testing at works as well as at site, duly packed, supply / delivery to site including freight, unloading, storage and handling at site, erection and commissioning, hydro test at site, painting, handing over, tools and tackles, commissioning spares etc. inclusive of all prevailing taxes, duties and other levies, complete with all accessories including instruments required for the total scope defined as per standard specification(PE-TS-STD-167-A001) & Project specific specification(PE-TS-361-167-A001) and terms & conditions of tender taking into account all clarifications, confirmations and agreements till date for Two (2) No. Condensate storage tanks vertical cylindrical with Size as 9.2 M dia X 10.0M Ht. & Two (2) No. DM water Storage tanks vertical cylindrical with Size as 11.8M dia X10.4 M Ht. for 2x520 MW HNPCL, Vizag Thermal Power Project.	
TOTAL		

**VOLUME-III
PRICE SCHEDULE, REV-1**

Design, engineering, manufacturing, supply, erection & commissioning of Miscellaneous Tank Package for 2x520 MW HNPCL, Vizag Thermal Power Project.

TENDER NO - PSER:SCT:VIZ-M1277:11

SCH-3 - SUPPLY PRICE BREAK-UP

SL NO	DESCRIPTION OF ITEM	QUOTED PRICE (Rs)			
		BASIC PRICE	CST (If any, as per tender provision)	FREIGHT	TOTAL PRICE
BREAK-UP OF SUPPLY PRICE AT SL NO 1.1 OF SCH-2					
FOR CONDENSATE STORAGE TANKS					
1.1.1	Lump sum price of all structures including hand-railings, staircase etc. for the tank				
1.1.2	Lump sum price of total number of valves required for the tank				
1.1.3	Lump sum price of total length of the piping for the tank				
1.1.4	Lump sum price of total no. of level gauges required for the tank				
1.1.5	Lump sum price of NaOH breathers for the tank				
1.1.6	Lump sum price of seal pots for the tank				
1.1.7	Total amount for commissioning spares as per SCH-5				
1.1.8	Lump sum price of painting for the tank				
1.1.9	Lump sum price for maintenance tools and tackles. (Bidder shall furnish item-wise priced list in separate sheet)				
FOR DM STORAGE TANKS					
1.1.10	Lump sum price of all structures including hand-railings, staircase etc. for the tank				
1.1.11	Lump sum price of total number of valves required for the tank				
1.1.12	Lump sum price of total length of the piping for the tank				
1.1.13	Lump sum price of total no. of level gauges required for the tank				
1.1.14	Lump sum price of NaOH breathers for the tank				
1.1.15	Lump sum price of seal pots for the tank				
1.1.16	Total amount for commissioning spares as per SCH-5				
1.1.17	Lump sum price of painting for the tank				
1.1.18	Lump sum price for maintenance tools and tackles. (Bidder shall furnish item-wise priced list in separate sheet)				
TOTAL PRICE FOR SUPPLY					

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SCH-4 - SERVICE PRICE BREAK-UP		
SL NO	DESCRIPTION OF ITEM	QUOTED PRICE (Rs)
BREAK-UP OF SERVICE PRICE AT SL NO 1.2 OF SCH-2		
FOR CONDENSATE STORAGE TANKS		
1.2.1	Lump sum price of total CS plates for the tank	
1.2.2	Lump sum price of all structures including hand-railings, staircase etc. for the tank	
1.2.3	Lump sum price of total number of valves required for the tank	
1.2.4	Lump sum price of total length of the piping for the tank	
1.2.5	Lump sum price of total no. of level gauges required for the tank	
1.2.6	Lump sum price of NaOH breathers for the tank	
1.2.7	Lump sum price of seal pots for the tank	
1.2.8	Lump sum price of painting for the tank	
1.2.9	Price for hydro test and handing over etc., of the storage tanks included as per the specification.	
FOR DM STORAGE TANKS		
1.2.10	Lump sum price of total CS plates for the tank	
1.2.11	Lump sum price of all structures including hand-railings, staircase etc. for the tank	
1.2.12	Lump sum price of total number of valves required for the tank	
1.2.13	Lump sum price of total length of the piping for the tank	
1.2.14	Lump sum price of total no. of level gauges required for the tank	
1.2.15	Lump sum price of NaOH breathers for the tank	
1.2.16	Lump sum price of seal pots for the tank	
1.2.17	Lump sum price of painting for the tank	
1.2.18	Price for hydro test and handing over etc., of the storage tanks included as per the specification.	
TOTAL PRICE FOR SERVICE		

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SCH- 5- LIST OF COMMISSIONING SPARES

SL NO	DESCRIPTION OF ITEM	QUANTITY	QUOTED PRICE (Rs)			
			BASIC PRICE	CST (If any, as per tender provision)	FREIGHT	TOTAL PRICE
BREAK OF SUPPLY PRICE OF ITEM NO. 1.1.7 OF SCH-3						
2.1.1	CAF Gasket of size 1.5m x 1.5m x 3mm thk	4 No.				
2.1.2	Nuts , bolts & washers of each size (nos. of bolts, nuts & washers as required for each nozzle) as per approved Drg.	1 Lot				
2.1.3	Any Other Item required for successful commissioning of the tanks					

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SCH-6 - UNIT RATES FOR MISC TANK PACKAGE (NOT FOR BID EVALUATION AND SHALL USED FOR CHANGE IN SCOPE)

SL NO	DESCRIPTION OF ITEM	QUOTED RATE/ PRICE (Rs)					TOTAL PRICE OF SUPPLY & SERVICE
		SUPPLY				TOTAL SERICE	
		BASIC PRICE	CST (If any, as per tender provision)	FREIGHT	TOTAL SUPPLY		
1.0	SS gate / globe valves for each size (indicate price size wise)						
1.1	300 NB						
1.2	200 NB						
1.3	150 NB						
1.4	100 NB						
1.5	80 NB						
1.6	50 NB						
1.7	25 NB						
1.8	15 NB						
2.0	SS root valve for each size (indicate price size wise)						
2.1	25 NB						
3.0	SS pipes for each size (indicate price size wise)						
3.1	300 NB						
3.2	200 NB						
3.3	150 NB						
3.4	100 NB						
3.5	80 NB						
3.6	50 NB						
3.7	25 NB						
3.8	15 NB						
4.0	Cost of painting per metre square including surface preparation as per painting specification (inside)						
5.0	Cost of painting per metre square including surface preparation as per painting specification (outside)						
6.0	Cost of painting per metre square including surface preparation as per painting specification (underneath)						
7.0	Fabrication cost per tonnes						

NOTE

1.0 Bidder shall furnish the unit prices of the various items as mentioned above. Any variation in the number of valves, length of pipes etc. shall be adjusted based on the prices furnished for these items.