



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

BHARAT HEAVY ELECTRICALS LIMITED

(A Govt. of India Undertaking)

TCN - 02

Ref: PSER:SCT:SND-M757:TCN-02

Date: 30-05-2007

Sub	Tender change notice (TCN) 02.
Job	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL AT 1 X 250 MW, SANTALDIH TPS # 5, WEST BENGAL
Ref	Tender no PSER:SCT:SND-M757:07.

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

- 1.0 **FILE 6.1 - SCT-SND-M757-VOL-IIIA-RATE SCHEDULE (Rev 01): VOLUME - IIIA – BOQ CUM SCHEDULE OF PRICES IN ABSOLUTE VALUE (Rev.01) IS ENCLOSED AND SHALL SUPERCEDE VOLUME – IIIA PRICE SCHEDULE (IN ABSOLUTE VALUE), (Rev.00), AS GIVEN IN THE ORIGINAL TENDER.**
- 2.0 **FILE 6.2 - SCT-SND-M757-VOL-IIIB-RATE SCHEDULE (Rev 01): VOLUME – IIIB – BOQ CUM SCHEDULE OF PRICES IN PERCENTAGE WITH RESPECT TO TOTAL (Rev.01) IS ENCLOSED AND SHALL SUPERCEDE VOLUME – IIIB PRICE SCHEDULE (IN PERCENTAGE WRT TOTAL), Rev.00, AS GIVEN IN THE ORIGINAL TENDER.**
- 3.0 **BIDDERS TO NOTE BOTH VOLUMES IIIA AND IIIB (LATEST REVISIONS) ARE TO BE FILLED IN AND SUBMITTED AS PER INSTRUCTIONS GIVEN IN THE NIT.**
- 4.0 **THERE IS NO NEED FOR INTERNAL CLEANING AND PAINTING OF THE PIPES. CLAUSE 1.3.4, PAGE 4 OF 35 OF VOLUME – II, TECHNICAL SPECIFICATIONS AND SPECIAL CONDITIONS OF CONTRACT SHALL PREVAIL.**
- 5.0 **DEWATERING WILL BE REQUIRED IN CASES OF UNDERGROUND PIPING WORK WHEREVER NEEDED. CLAUSE 1.8, PAGE 8 OF 35, VOLUME II, TECHNICAL SPECIFICATIONS AND SPECIAL CONDITIONS OF CONTRACT, SHALL PREVAIL.**
- 6.0 **FILE 7 - SCT-SND-M757-COVER PAGE (Rev.01) IS ENCLOSED AND SHALL SUPERCEDE FILE 7 - SCT-SND-M757-COVER PAGE, AS GIVEN IN THE ORIGINAL TENDER.**

Bidders to note that this TCN-02 will form part of the tender document.

All other terms & conditions of subject tender/ tender documents shall remain unchanged.

Based on above, you are requested to submit your offer by due date.

Thanking you,

Yours faithfully,
for **BHARAT HYEAVY ELECTRICALS LTD**

SENIOR MANAGER (SCT)

- Encl: 1. FILE 6.1 - SCT-SND-M757-VOL-IIIA-RATE SCHEDULE (Rev 01)
2. FILE 6.2 - SCT-SND-M757-VOL-IIIB-RATE SCHEDULE (Rev 01)
3. FILE 7 - SCT-SND-M757-COVER PAGE (Rev.01)

पावर सेक्टर पूर्वी क्षेत्र (मुख्यालय)

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

फैक्स/Fax : (033) 23211960

फोन/Phone : बोर्ड/EPABX : 23211691

ERECTION OF RAW WATER PIPING AT SANTALDIH TPS (1X250 MW)

TENDER NO: PSER:SCT:SND-M 757:07

VOLUME - IIIA - BOQ CUM SCHEDULE OF PRICES IN ABSOLUTE VALUE (Rev.01)

SL NO	DESCRIPTION	UNIT	QTY	RATE (Rs.)		AMOUNT (Rs.)
				In figures	In words	
1	Handling from storage, erection, welding, non-destructive testing, inspection, internal cleaning & painting (as per scope), Final painting, testing & commissioning of Raw water piping and associated material as given in the tender specification. This includes erection of joints, flow elements and other accessories. Payment shall be released as per schedule below- 1) Erection - 35%, 2) Alignment - 5%, 3) Welding & Painting - 43%, 4) NDT - 10%, 5) Hydrolic Test - 5%, 6) As built drg submission - 2%.	MT	600			
2	Fabrication of Mitre bends, Tees, Tees of sizes NB 900 and below for Raw water piping system etc. from straight pipes. Straight pipes will be supplied by BHEL free. Payment shall be released as per schedule below - 1) Fabrication - 95%, 2) Erection - 5%.	MT	1			
3	Supply and application of Coal tar based plasticised pre-fabricated tape of approved brand (pypkote / Rustech/ any other BHEL / WBPDCCL approved equivalent) as per IS-10221 appendix - B (Cold application) having minimum thickness of 4mm (2-layers of 2mm. th.) with 12 mm overlapping for all pipe sizes including bends etc. Payment shall be released as per schedule below - 1) Supply - 80%, 2) Application - 20%.	SQM	400			
4	RF Pads	MT	1			
	TOTAL AMOUNT					

ERECTION OF RAW WATER PIPING AT SANTALDIH TPS (1X250 MW)

TENDER NO: PSER:SCT:SND-M 757:07

VOLUME - IIIB - BOQ CUM SCHEDULE OF PRICES IN PERCENTAGE WITH RESPECT TO TOTAL (Rev. 01)

SL NO	DESCRIPTION	UNIT	QTY	PRICE IN PERCENT (%) OF TOTAL PRICE FOR EACH ITEM (IN FIGURES AND WORDS)
1	Handling from storage, erection, welding, non-destructive testing, inspection, internal cleaning & painting (as per scope), Final painting, testing & commissioning of Raw water piping and associated material as given in the tender specification. This includes erection of joints, flow elements and other accessories. Payment shall be released as per schedule below- 1) Erection - 35%, 2) Alignment - 5%, 3) Welding & Painting - 43%, 4) NDT - 10%, 5) Hydrolic Test - 5%, 6) As built drg submission - 2%.	MT	600	
2	Fabrication of Mitre bends, Tees, Tees of sizes NB 900 and below for Raw water piping system etc. from straight pipes. Straight pipes will be supplied by BHEL free. Payment shall be released as per schedule below - 1) Fabrication - 95%, 2) Erection - 5%.	MT	1	
3	Supply and application of Coal tar based plasticised pre-fabricated tape of approved brand (pypkote / Rustech/ any other BHEL / WBPDCCL approved equivalent) as per IS-10221 appendix - B (Cold application) having minimum thickness of 4mm (2-layers of 2mm. th.) with 12 mm overlapping for all pipe sizes including bends etc. Payment shall be released as per schedule below - 1) Supply - 80%, 2) Application - 20%.	SQM	400	
4	RF Pads	MT	1	
	TOTAL AMOUNT			

TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	IB	GENERAL CONDITIONS OF CONTRACT (SERVICE)
	IE	ANNEXURES, FORMATS ETC
	II	TECHNICAL SPECIFICATION & SPECIAL CONDITIONS OF CONTRACT

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
CAPACITY	1 x 250 MW UNIT # 5
PROJECT	SANTALDIH THERMAL POWER STATION, WEST BENGAL

BHARAT HEAVY ELECTRICALS LIMITED
(A Govt Of India Undertaking)
POWER SECTOR – EASTERN REGION
PLOT – DJ 9/1, SECTOR II, SALT LAKE
KOLKATA – 700 091

TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	IB	GENERAL CONDITIONS OF CONTRACT (SERVICE)

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
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KOLKATA – 700 091

TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	IE	FORMATS, ANNEXURES ETC

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
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TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	II	TECHNICAL SPECIFICATION & SPECIAL CONDITIONS OF CONTRACT

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
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KOLKATA – 700 091

TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	IIIA	BOQ CUM SCHEDULE OF PRICES (IN ABSOLUTE VALUE), Rev. 01

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
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TENDER NO	PSER:SCT:SND-M757:07	
VOLUME	IIIB	BOQ CUM SCHEDULE OF PRICES (IN PERCENTAGE WRT TOTAL), Rev. 01

JOB	HANDLING FROM STORAGE, ERECTION, WELDING, NON-DESTRUCTIVE TESTING, INSPECTION, INTERNAL CLEANING AND PAINTING, TESTING AND COMMISSIONING OF RAW WATER PIPING AND ASSOCIATED MATERIAL
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