



भारत हेवी इलेक्ट्रिकल्स लिमिटेड

(भारत सरकार का उपक्रम)

**BHARAT HEAVY ELECTRICALS LIMITED**

(A Govt. of India Undertaking)

**TCN - 01**

Ref: PSER:SCT:FKK-M717:TCN-01

Date: 29-01-2007

Sub	Tender change notice (TCN) 01.	
Job	Material management package of boiler and aux, piping, TG & aux, C&I and other misc items for 1x500 MW unit # 6 at Farakka STPP, West Bengal.	
Ref	1.0	Tender no PSER:SCT:FKK-M717:07.
	2.0	BHEL's NIT vide reference no PSER:SCT:FKK-M717:0786, dated 06-01-07.

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

- 1.0 SI no 4.0 & sl no 17.0 of NIT has been modified as per enclosed Annexure-A.
- 2.0 Volume-III, Price Schedule has been modified in line with above in two parts, Volume-IIIA & Volume-IIIB. Bidder to fill-in both the Price Schedules as per instructions and submit price offers in respective sealed envelopes as per instruction only in the enclosed revised Price Schedules.
- 3.0 Due date of submission of offer is extended from 29-01-07 to **07-02-2007 (15-00 hrs)**.
- 4.0 All other terms & conditions 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

DGM (SCT)

Encl: As above.

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

**Modified sl no 4.0 of NIT**

- 4.0** The offers shall be sent in four (4) separate sealed envelopes. Complete set of offer shall be sent to BHEL, PSER, Kolkata as per address given below and to other addressee as per following details.

Sl no	Description	No of copy
<b>I. COVER-I (TECHNO-COMMERCIAL BID)</b>		
I.a	Offer forwarding/ covering letter.	Original & 1 copy.
I.b	Duly filled-in 'No deviation certificate' as per prescribed format to be placed after document under sl no I.a above.  In case of any deviation, the same should be submitted separately for technical & commercial parts, indicating respective clauses of tender against which deviation is taken by bidder. The list of such deviation shall be placed after document under sl no I.a above.  It shall be specifically noted that deviation recorded elsewhere shall not be entertained.	Original & 1 copy.
I.c	Techno-commercial offer enclosing supporting document/ annexure/ schedules/ drawing etc as required in line with prescribed format.  It shall be specifically noted that all documents as per above shall be indexed properly.	Original & 1 copy.
I.d	Duly filled-in annexures, formats etc of Volume-IE.	Original & 1 copy.
I.e	All volumes of tender document pertinent for the subject job together with subsequent changes in the tender in the form of TCN, correspondences etc, signed on all pages.	Original.
I.f	Volume – IIIA & IIIB (BOQ cum schedule of Price Schedule) – un-priced (without disclosing rates/ price for Volume-IIIA and without disclosing % for Volume-IIIB), <b>but</b> mentioning only ' <b>quoted/ unquoted</b> ' for Volume-IIIA and ' <b>indicated % of total price against each item</b> ' for Volume-IIIB against each item of schedules.	Original.
I.g	Cost of tender (if applicable).	
I.h	Any other details preferred by bidder with proper indexing.	Original.
<b>IIA. COVER-IIA (PRICE BID/ABSOLUTE VALUE)</b>		
II.a	Copy of offer forwarding/ covering letter (as referred in I.a).	1 copy.
II.b	Duly filled-in Volume-IIIA (BOQ-cum-price schedule in absolute value) together with signed preamble in separate sealed envelope.	Original.
<b>IIB. COVER-IIB (PRICE BID/PERCENTAGE VALUE)</b>		
IIIa	Copy of offer forwarding/ covering letter (as referred in I.a).	1 copy
IIIb	Duly filled-in Volume-IIIB (BOQ-cum-price schedule in percentage value) together with signed preamble in separate sealed envelope.	Original
<b>III. COVER-III (EMD)</b>		
Demand Draft etc towards EMD as per instruction (if applicable).		
<b>IV. COVER-IV</b>		
All three aforesaid covers in sealed condition shall be enclosed in this cover. This cover shall be super-scribed with (i) Cover no; (ii) Details of enclosed covers and (ii) Name of the job, tender document no & due date of submission.		

**SPECIAL NOTE**

- A) Your offer & documents submitted with the offer shall be signed and stamped in each page by your authorised representative. No overwriting/ correction in tender documents by bidders shall be allowed. However, if correction is unavoidable, the same may be signed by authorized signatory.

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

- B) All documents/ annexures submitted with the offer shall be properly annexed and placed in respective places of the offer as per enclosure list mentioned in the covering letter. BHEL shall not be responsible for any missing documents.

**Modified sl no 17.0 of NIT**

- 17.0 BHEL reserves the right to decide the successful bidder on the basis of reverse auction process. In such case all qualified bidders will be intimated regarding procedure/ modality for reverse auction process prior to Reverse Auction and price will be decided through reverse auction process only. As such, sealed envelope containing price bid (Cover – IIA corresponding to Volume-IIIA) will not be opened, but, sealed envelope containing price bid (Cover-IIB) will be opened for deriving the absolute value of each item on the basis of closing price and percentage value quoted in Price Schedule Volume-IIIB.

However, if reverse auction process is not adopted or is unsuccessful for whatsoever reason, Price Schedule (Volume-IIIA) contained in sealed envelope (Cover-IIA) will be opened for deciding the successful bidder. BHEL's decision in this regard will be final and binding on bidder.

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फैक्स/Fax : (033) 23211960

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<b>TENDER NO</b>	<b>PSER:SCT:FKK-M717:07</b>	
<b>VOLUME</b>	<b>IIIA</b>	<b>PRICE SCHEDULE, REV-1</b>

<b>JOB</b>	<b>MATERIAL MANAGEMENT PACKAGE OF BOILER AND AUX, PIPING, TG &amp; AUX, C&amp;I AND OTHER MISC ITEMS</b>
<b>CAPACITY</b>	<b>1 x 500 MW UNIT # 6</b>
<b>PROJECT</b>	<b>FARAKKA STPP, MURSHIDABAD, WEST BENGAL</b>

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

<b>VOLUME-III A</b> <b>PRICE SCHEDULE, REV-1</b>	
<b>Material management package of boiler and aux, piping, TG &amp; aux, C&amp;I and other misc items for 1x500 MW unit # 6 at Farakka STPP, West Bengal</b>	
<b>TENDER NO - PSER:SCT:FKK-M717:07</b>	
<b>PREAMBLE</b>	
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	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.

VOLUME-III A PRICE SCHEDULE, REV-1					
Material management package of boiler and aux, piping, TG & aux, C&I and other misc items for 1x500 MW unit # 6 at Farakka STPP, West Bengal					
TENDER NO - PSER:SCT:FKK-M717:07					
PRICE SCHEDULE					
SI no	Description of item	Quantity		Unit rate (Rs)	Amount (Rs)
(1)	(2)	(3)		(4)	(5)=(3)x(4)
1.0	Receipt/ taking delivery of materials at Farakka plant, unloading from wagons/ trucks/ trailers, shifting to site stores/ storage yard/ work site, verification, stacking, preservation, storage & issue/ handing over to BHEL's erection contractor over of boiler & aux, TG & aux, C&I of boiler & TG, piping, Insulation, BOP/ BOI packages/ items and various other items, materials/ components including providing services for materials management for 1x500 MW unit # -6, Farakka stage-III.	40550	MT		
2.0	Receipt/ taking delivery of materials, unloading from wagon at Farakka/ Malda railway station or railway godown at Farakka/ Malda reloading and transportation to stores/ store yard/ work site, unloading, shifting and stacking, including verification, at site stores/ storage yard/ work site as directed by BHEL & issue/ handing over to erection contractor and as per scope given in tender specification.	1000	MT		
3.0	Receipt/ taking delivery of materials at transport company's godown at Farakka/ Malda or within 50 KM radius from the plant, reloading and transportation to stores/ store yard/ work site, unloading, shifting and stacking, including verification at site stores/ storage yard/ work site as directed by BHEL including issue/ handing over to erection contractor and as per scope given in tender specification.	1000	MT		
4.0	Materials re-shifting.	10000	MT		
5.0	Materials re-stacking.	10000	MT		
6.0	Average single man hour rate including overtime, If any, supervision, use of required tools and tackles and other site expenses and incidentals including consumables/ preservatives for carrying out up-keepment, maintenance and preservation/ conservation work as per instruction of BHEL and as per scope given in tender specification.	35000	MAN-HOUR		
<b>TOTAL</b>					

NOTE	
1.0	Re-shifting: If during execution of work, any material which is already unloaded verified, stacked at store yard/ store/ work site as per instruction and satisfaction of BHEL site authority, need to be re-handled/ re-shifted beyond 250 mtr at any other place within project premises, all the relevant activities for above shall be termed as re-shifting and is included in the scope of work.
2.0	Re-stacking: If during execution of work, any material which is already unloaded, verified, stacked at store yard/ store/ work site as per instruction and satisfaction of BHEL site authority, need to be re-handled/ re-shifted within 250 mtr and re-stacked at any other place within project premises, all the relevant activities for above shall be termed as re-stacking which is included in the scope of work.
3.0	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.

<b>TENDER NO</b>	<b>PSER:SCT:FKK-M717:07</b>	
<b>VOLUME</b>	<b>IIIB</b>	<b>PRICE SCHEDULE, REV-1</b>

<b>JOB</b>	<b>MATERIAL MANAGEMENT PACKAGE OF BOILER AND AUX, PIPING, TG &amp; AUX, C&amp;I AND OTHER MISC ITEMS</b>	
<b>CAPACITY</b>	<b>1 x 500 MW UNIT # 6</b>	
<b>PROJECT</b>	<b>FARAKKA STPP, MURSHIDABAD, WEST BENGAL</b>	

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<b>VOLUME-III B</b> <b>PRICE SCHEDULE, REV-1</b>	
<b>Material management package of boiler and aux, piping, TG &amp; aux, C&amp;I and other misc items for 1x500 MW unit # 6 at Farakka STPP, West Bengal</b>	
<b>TENDER NO - PSER:SCT:FKK-M717:07</b>	
<b>PREAMBLE</b>	
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	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.

VOLUME-III B				
PRICE SCHEDULE, REV-1				
Material management package of boiler and aux, piping, TG & aux, C&I and other misc items for 1x500 MW unit # 6 at Farakka STPP, West Bengal				
TENDER NO - PSER:SCT:FKK-M717:07				
PRICE SCHEDULE				
SI no	Description of item	Quantity		Price in percent (%) of total price for each item (in figures & words)
(1)	(2)	(3)		(4)
1.0	Receipt/ taking delivery of materials at Farakka plant, unloading from wagons/ trucks/ trailers, shifting to site stores/ storage yard/ work site, verification, stacking, preservation, storage & issue/ handing over to BHEL's erection contractor over of boiler & aux, TG & aux, C&I of boiler & TG, piping, Insulation, BOP/ BOI packages/ items and various other items, materials/ components including providing services for materials management for 1x500 MW unit # -6, Farakka stage-III.	40550	MT	
2.0	Receipt/ taking delivery of materials, unloading from wagon at Farakka/ Malda railway station or railway godown at Farakka/ Malda reloading and transportation to stores/ store yard/ work site, unloading, shifting and stacking, including verification, at site stores/ storage yard/ work site as directed by BHEL & issue/ handing over to erection contractor and as per scope given in tender specification.	1000	MT	
3.0	Receipt/ taking delivery of materials at transport company's godown at Farakka/ Malda or within 50 KM radius from the plant, reloading and transportation to stores/ store yard/ work site, unloading, shifting and stacking, including verification at site stores/ storage yard/ work site as directed by BHEL including issue/ handing over to erection contractor and as per scope given in tender specification.	1000	MT	
4.0	Materials re-shifting.	10000	MT	
5.0	Materials re-stacking.	10000	MT	
6.0	Average single man hour rate including overtime, If any, supervision, use of required tools and tackles and other site expenses and incidentals including consumables/ preservatives for carrying out up-keepment, maintenance and preservation/ conservation work as per instruction of BHEL and as per scope given in tender specification.	35000	MAN-HOUR	
<b>TOTAL</b>				
<b>NOTE</b>				
1.0	Re-shifting: If during execution of work, any material which is already unloaded verified, stacked at store yard/ store/ work site as per instruction and satisfaction of BHEL site authority, need to be re-handled/ re-shifted beyond 250 mtr at any other place within project premises, all the relevant activities for above shall be termed as re-shifting and is included in the scope of work.			
2.0	Re-stacking: If during execution of work, any material which is already unloaded, verified, stacked at store yard/ store/ work site as per instruction and satisfaction of BHEL site authority, need to be re-handled/ re-shifted within 250 mtr and re-stacked at any other place within project premises, all the relevant activities for above shall be termed as re-stacking which is included in the scope of work.			
3.0	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.			