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TENDER SPECIFICATION

TENDER NO. BHEL/ NR/SCT/BAWANA/PACKING/799

FOR

**“SEAWORTHY PACKING OF STEAM BLOWING
MATERIALS & ACID CLEANING EQUIPMENT AT BHEL-
BAWANA SITE, BAWANA, DELHI”**

PART I – TECHNICAL BID



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
Dist. Gautam Budh Nagar, NOIDA – 201 301.INDIA



ISO 9001, ISO 14001 and
OHSAS 18001 certified
company
SubContract and Purchase
Deptt.

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northren Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301.INDIA
Phone: 0091-0120-2515476 / 2416528 / 2515479
Fax 091-0120-2416528 / 2515467
Email: swapan@bhelsnr.co.in / msd@bhelsnr.co.in

TENDER NOTICE

Sealed tenders are invited from the contractors fulfilling qualifying requirements for the works of “**SEAWORTHY PACKING OF STEAM BLOWING MATERIALS & ACID CLEANING EQUIPMENT AT BHEL-BAWANA site, BAWANA, DELHI.**”

TENDER NO. BHEL/ NR/SCT/BAWANA/PACKING/799

QUALIFYING REQUIREMENTS:

Sl. No.	CRITERIA
1.0	Bidder should have executed the similar work of Packing of Machinery items during last one year upto the date of technical bid opening. Supporting documents for the same to be furnished by the bidder.

NOTE:

- (a) If the qualifying work is completed in the last One (1) year period as specified above, even if it has been started earlier, the same will also be considered meeting the qualifying requirements.

GENERAL NOTES:

- (i) The Tender Documents comprise of following;
 - (a). General Conditions of Contract (b). Tender Notice, Project Synopsis, Special Conditions of Contract, etc. (c) Rate Schedule
- (ii) Tender Documents with complete details are hosted on BHEL's web page www.bhel.com Bidder(s) intending to participate may download the tender document from the web site. Document cost for this tender shall be NIL.
- (iii) Bidder(s) can also collect hard copy of tender documents from this office. Tender documents (non transferable) will be issued on all working days between 09.30 Hrs. to 12.30 Hrs within the sale period i.e **upto 16.07.2011.**
- (iv) Tenders must be submitted to the undersigned to Smt. Usha Kochhar, Sr. Asst. in Room No. 104, PSNR, NOIDA latest by **15:00 Hrs. on 16.07.2011.** Technical bids shall be opened at **15.30 Hrs. on 16.07.2011.** Tenders received after the due date & time shall be liable to be summarily rejected.
- (v) Earnest Money Deposit (EMD): Refundable, Non-interest bearing **EMD** of Rs. 10,000/- shall be deposited by Account Payee Pay Order 'OR' Demand Draft in favour of “ Bharat Heavy

Electricals Limited” payable at Delhi/NOIDA.Those bidders who have already deposited ‘ One Time ‘EMD’ of Rs. 2,00,000/- with BHEL, PSNR, NOIDA need not submit EMD with the present tender.

- (vi) Tenders not accompanied with Full Earnest Money Deposit, as indicated above, will not be considered.
- (vii) **All corrigenda, addenda, amendments and clarifications to this Tender will be hosted in this web page and not in the newspaper. Bidders shall keep themselves updated with all such amendments.**
- (viii) BHEL reserves the right to accept or reject any ‘OR’ all tenders without assigning any reason whatsoever.
- (ix) BHEL takes no responsibility for any delay/loss of documents or correspondences sent by courier/post.
- xi) Unsolicited rebate/discount shall not be accepted after bid opening.

SDGM/SCT

Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
Power Sector – Northern Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar, NOIDA – 201 301.INDIA

PROCEDURE FOR SUBMISSION OF SEALED TENDERS:

The tenderers must submit their tenders as required in **two parts** in separate sealed covers **prominently superscribed as Part-I Technical bid and Part-II ,Price bid** also indicating on each of the cover tender specification no., date and time as mentioned in tender notice.

TECHNICAL BID (COVER-I)

Except **Price bid Part-II**, complete set of tender document consisting of General conditions of Contract, "Technical specification & Special terms and condition" (Part-I) issued by BHEL shall be enclosed in **Part I Technical Bid only**. All schedules, data sheets and details called for in the specification shall also be submitted along with technical bid. All details / Data / Schedules including offer letter duly signed and stamped are to be **submitted in duplicate**.

PRICE BID (COVER-II)

Tenderers may please note that price bid is **to be submitted only in original copy** of Tender i.e. Price bid (Part-II) issued by BHEL and no duplicate copy of same is required.

These Two separate covers i.e. cover I & II shall together be enclosed in a **third envelope (Cover-III)** and this sealed cover shall be superscribed with tender specification No., due date, time and submitted to officer inviting tender as indicated in tender notice on or before due date as indicated.

PROJECT SYNOPSIS

1. Name of the Owner : **Pragati Power Corporation Limited (PPCL)**
2. Address : Pragati III CCPP , Bawana, Delhi
3. Installed capacity : New project
4. New Installation : 1500 MW (Nominal)
5. Nearest Railway station : Delhi
6. Nearest City : Delhi
7. Nearest Airport : Delhi
8. Maximum Temperature : 48 Deg C
9. Minimum temperature : Appx 2 Deg C

SPECIAL CONDITIONS OF CONTRACT

This Tender enquiry is for “**SEAWORTHY PACKING OF STEAM BLOWING MATERIALS & ACID CLEANING EQUIPMENT AT BHEL-BAWANA SITE, BAWANA, DELHI**” in Wooden Boxes and Steel Crates to be made/brought at site(Bawana) as detailed at Sl No. 1 & 2 of scope of work Given below;

34.0 SCOPE OF WORK:

(1) SEAWORTHY PACKING OF THE FOLLOWING MATERIALS AS MENTIONED THEIR WEIGHT, DIMENSION ETC, TO BE PACKED IN SUITABLE WOODEN BOXES:

1. 95x78x100 cm =03 Pcs (Acid cleaning Motor & Pump with frame , approx. weight 1000 kg each packed in three box)
2. 58x58x138 cm = 02pes (Manual operated valve 10 inch size approx. weight 200kg packed in two box)
3. 123x63x50 cm = 01 Pcs (Acid injection pump , approx. weight 250 kg (Packed in one box.)
4. 245x150x93 cm = 02 Pcs (Motor operated Valve 16 inch , approx. weight 2 ton each packed in two box)
5. 55x28x30 cm = 01 set(Box for Miscellaneous items containing of target plates & 3 nos. love joy coupling , approx. weight 200 kg packed in one box)
6. Reducer 500x400 mm - 01 pes (length 500 mm weight 150 kg approx. packed in one box)
7. 3 nos 90 kw motor starter = 01 set (each size 100x50 cm , approx. weight 60 kg each no.) All the 3 nos. packed in one box.Total weight. 180 kg approx.
8. 3 nos stainer = 01 set (each size 100x 75 cm weight 150 kg approx each no..) All the 3 nos. packed in one box. Total weight. 450 kg. approx.

NOTE:

- (i) Wooden boxes to be made as enclosed sketch (Annexure-A) & wood to be used is SAFEDA.
- (ii) Plastic Lamination (0.5 mm thick plastic) to be provided & covered on the top of Equipment packed in wooden Boxes.
- (iii) G.I. Sheet (0.7 mm thick) is to be provided & covered with all the wooden boxes outside area.

- (iv) 2 Nos. steel name plate to be provided & fixed on each and every box.
- (v) Boxes should be made out for suitable of transportation.
- (vi) All the materials, wood, G.I. sheet, ETC & labour shall be the scope of contractor. Its transportation to site, handling at site etc shall be in the scope of contractor.
- (vii) Crane with operator sling & lubricants shall be provided by BHEL on free of cost for placing of materials inside the boxes.
- (viii) Total Wooden Boxes Required= 12 Nos.

(2) SUPPLY & FABRICATION OF STEEL CRATE MADE AS ENCLOSED SKETCH (B) SUITABLE FOR STACKING / PLACING OF THE FOLLOWING STEEL PIPES:

Details of pipes Diameter, Length, and Weight (Pipes available in Straight & Bend Condition)

1. 400 mm Dia pipe - 04 nos. approx. length (mtrs). 7.3 ,6.6 , 3.0 ,3.8
Approx. weight in kg. 727, 658, 300 &, 380
2. 500 mm Dia pipe - 04 nos. approx length (mtrs) 4.3 , 6.1 ,6.1 ,5.5
Approx weight in kg 537, 761, 761 &, 686.

NOTE:

- (i) Steel crate to be fabricated as per sketch (Annexure-B).
- (ii) 4 Nos. pipes in one crate total crate required -02 Nos. ;
pipes both end cover (M.S) to be provided/fitted on all the steel pipes.
- (iii) Material to be used for crate, channel size 150X75X6 mm & angle size 75X75X6 mm.
- (iv) Red oxide painting is to be provided in steel crate & locking stips.
- (v) All required materials and T&P for, fabrication, welding, cutting, painting & labour ETC. to be the scope of contractor. Its transportation to site, handling at site etc shall be in the scope of contractor.
- (vi) Suitable Crane with operator sling & lubricants shall be provided by BHEL on free of cost for Stacking of pipes inside the crate.
- (vii) Working space & Electric connection shall be provided by BHEL on free of cost.
- (viii) Party to visit Bawana/ Delhi site to inspect the Packing Material before Quoting.

35.0 Lumpsum price is to be quoted for each item as per rate schedule in part II, Price bid inclusive of all applicable taxes/duties/fee etc but except for service tax.

36.0 TAXES, DUTIES, LEVIES

The contractor shall pay all taxes, fees, license charges, deposits, duties, tools, royalty, commissions or other charges (except service tax) which may be levied on the input goods & services consumed and output goods & services delivered in course of his operations in executing the contract. In case BHEL is forced to pay any of such taxes, BHEL shall have the right to recover the same from his bills or otherwise as deemed fit.

However, provisions regarding **Service Tax and Value Added Tax (VAT)** on output services and goods shall be as per following clauses.

36.1 Service Tax & Cess on Service Tax

Service Tax and Cess on Service Tax as applicable on output Services are excluded from contractor's scope; therefore contractor's price/rates shall be exclusive of Service Tax and Cess on Output Services.

Contractor shall obtain prior written consent of BHEL before billing the amount towards such taxes. The Service Tax Rules permit more than one option or methodology for discharging the liability of tax/levy/duty and BHEL will have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the

Contractor for discharging the obligation of BHEL in respect of the tax liability to the Contractor. Contractor shall submit to BHEL documentary evidence of Service Tax registration certificate specifying name of services covered under this contract. For the purpose of claiming any Service Tax from BHEL, the following procedure shall be adopted :

Contractor shall submit serially numbered Service Tax and Cess Invoices, signed by him or a person authorized by him in respect of taxable service provided, and shall contain the following, namely:

1. The name, address and registration number of the contractor
2. The name and address of the party receiving taxable service (BHEL)
3. Description, classification and value of taxable service provided and
4. The Service Tax payable thereon.

All the four conditions shall be fulfilled in the invoice for payment of Service Tax by BHEL.

Where more than one nature of Service under Service Tax Rules is involved, the invoice mentioned above shall contain the break up of all values for each nature of Service.

36.2 VAT (Sales Tax /WCT)

The rates quoted by the Contractor shall be inclusive of VAT/Sales Tax and BHEL shall not reimburse any amount on this account due to any reason whatsoever.

The Contractor shall register himself with the respective Sales Tax authorities of the state and submit proof of such registration to BHEL along with the first RA bill.

Deduction of tax at source shall be made as per the provisions of law unless otherwise found exempted.

In case tax is deducted at source as per the provisions of law, this is to be construed as an advance tax paid by the contractor and no reimbursement thereof will be made unless specifically agreed to.

Contractor has to make his own arrangement at his cost for completing the formalities, if required, with Sales Tax/VAT Authorities, for bringing all their material, plant and equipment etc at site for the execution of the work, including arrangement of Road Permits if and as applicable under the relevant VAT Act.

36.2.1 Modalities of Tax Incidence on BHEL

Wherever the relevant tax laws permit more than one option or methodology for discharging the liability of tax/levy/duty, BHEL will have the right to adopt the appropriate one considering the amount of tax liability on BHEL/Client as well as procedural simplicity with regard to assessment of the liability. The option chosen by BHEL shall be binding on the Contractor for discharging the obligation of BHEL in respect of the tax liability to the contractor.

36.2.2 New Taxes/Levies

In case the Government imposes any new levy/tax on the output service/goods/work after award of the contract, the same shall be reimbursed by BHEL at actual.

In case any new tax/levy/duty etc. becomes applicable after the date of Bidder's offer, the Bidder/Contractor must convey its impact on his price duly substantiated by documentary evidence in support of the same before opening of Price Bid. Claim for any such impact after opening the Price Bid will not be considered by BHEL for reimbursement of tax or reassessment of offer.

No reimbursement/recovery on account of increase/reduction in the rate of taxes, levies, duties etc. on input goods/services/work shall be made. Such impact shall be taken care of by the Price Variation/Adjustment Clause (PVC) if any. In case PVC is not applicable for the contract, Bidder has to make his own assessment of the impact of future variation if any, in rates of taxes/duties/ levies etc. in his price bid.

37.0 Time Schedule:

- 37.1** The schedule of commencement of work shall be decided by BHEL as per requirement. BHEL will intimate schedule date of start of work with a notice period of 7 days. The contractor is required to commence the work within 7 days of declaration of commencement date by AGM/FEX or CM/BHEL-Bawana site via Letter/ Fax/ e-mail message.
- 37.2** Time taken for completion of works is tentatively 21 days. The work under the scope of this contract is deemed to be completed in all respects, only when all the works are carried out as per satisfaction of BHEL.
- 38.0** No idle charge of Manpower & equipment is permissible in this work Contract.
- 39.0** BHEL reserves the right to terminate the contract unilaterally without assigning any reason and without any compensation by giving a simple notice of termination.
- 40.0** Party has to arrange all normal tools, grinders, consumable like cleaning agent old cloth, Hand gloves etc. Accommodation, local transport, insurance, safety and other amenities like Medical etc of the deployed personal and T&P shall be the responsibility of the contractor. To & fro travelling expenses etc of its personnel shall be in the contractor's scope.
- 41.0** No Mobilization Advance is envisaged for this Contract.
- 42.0** **TERMS OF PAYMENT:** 100% payment for the work of Packing/Stacking shall be done by BHEL/ PSNR/ NOIDA on successful and satisfactory completion of the entire work.
- 43.0** **LIQUIDATED DAMAGES:** As per clause no.25.5 of the GCC of the tender.
- 44.0** The tenderer shall specifically confirm they have inspected the site of work and is fully conversant with the prevailing conditions under which work is to be executed. **The tenderer will not raise claim of any nature due to lack of knowledge of site condition.** Tenderer will also confirm that local taxation laws at all sites have been clearly understood by him.
- 45.0** **The Price Bids of only those bidders will be opened who will be qualified for the subject job on the basis of evaluation of Techno-commercial bids. BHEL reserves the right to reject the bidders with unsatisfactory past performance in the execution of a contract. BHEL's decision in this regard shall be final & binding.**
- 46.0** The tenders should be sent sufficiently in advance so as to reach BHEL before the due date and time.
- 47.0** **VALIDITY OF OFFER:** Applicable as per Clause no. 14 of GCC.
- 48.0** In case of any contradiction between General Conditions of Contract (GCC) and Special Conditions of Contract (SCC), the latter shall prevail.

49.0 Bidder shall ensure that they have quoted their rates against each item mentioned in rate Schedule & same shall be indicated in the unpriced rate schedule of NIT.

50.0 **COMMENCEMENT, MOBILISATION TIME AND COMPLETION OF WORK:** Successful Bidder is required to contact AGM /FEX, BHEL PSNR, NOIDA/ CM BHEL-Bawana Site for commencement of work and completion of entire work as per time schedule indicated in the tender.

51.0 **Price Variation Clause/ Revision of Rates**

The accepted rates shall remain firm throughout the execution period including extension period (if any) and no escalation/ revision shall be payable.

ANNEXURE-I

CERTIFICATE OF DECLARATION FOR CONFIRMING THE KNOWLEDGE OF SITE CONDITIONS

We,..... Hereby declare and confirm that we have visited the project site under the subject namely,and acquired full knowledge and information about the site conditions, wage structure, Industrial climate and total work involved. We further confirm that the above information is true and correct and we will not raise any claim of any nature due to lack of knowledge of site condition.

Tenderers Name and Address

Place:

(Signature of the Tenderer's
With stamp)

Date:

ANNEXURE-II

NON DISCLOSURE AGREEMENT

Memorandum of Understanding

BHEL PSNR is committed to Information Security Management System as per Information Security Policy.

M/s.....

providing.....service to BHEL PSNR, Noida hereby undertake to comply with the following in line with Information Security Policy of BHEL PSNR;

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL PSNR.

(
M/s. BHEL, PSNR)

(
M/s.....)

ANNEXURE - III

FORMAT FOR NO DEVIATION CERTIFICATE

(To be submitted in the bidder's letter head)

**Bharat Heavy Electricals Limited
Power Sector – Northren Region,
Plot No. 25 , Sector - 16A ,
Distt. Gautam Budh Nagar,
NOIDA – 201 301. INDIA**

**Sub.: No Deviation Certificate for the work of “SEAWORTHY PACKING OF STEAM
BLOWING MATERIALS & ACID CLEANING EQUIPMENT AT BHEL-BAWANA
SITE, BAWANA, DELHI”**

TENDER NO. BHEL/ NR/SCT/BAWANA/PACKING/799

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 hereby confirm that we have not taken any deviation from tender clauses together with other references as enumerated in the above referred NIT and we hereby convey our unqualified acceptance to all terms and conditions as stipulated in the tender and NIT. 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 strictly in accordance with tender instructions.

Thanking you,

Yours faithfully,

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

UNPRICED RATE SCHEDULE

JOB: "SEAWORTHY PACKING OF STEAM BLOWING MATERIALS & ACID CLEANING EQUIPMENT AT BHEL-BAWANA SITE, BAWANA, DELHI"

Sl. No	Description	Lump sum price for each Item (In Rs.)
1	SUPPLY & FABRICATION OF 12 Nos. WOODEN BOXES AND PACKING OF MATERIAL	/
2	SUPPLY & FABRICATION OF 2 Nos. STEEL CRATE AND PACKING/PLACING OF STEEL PIPES	
GRAND TOTAL (In Rs.)		

NOTES:

1. The above quoted rates shall be inclusive of all taxes except service tax.
2. All the above quoted rates shall remain firm through out the contract period.
3. The rate shall be entered in figures as well as in words. In case of difference in rates between words and figures, the lesser of the two will be treated as valid rate.
4. Evaluation of bids shall be on the total price for the two items.

**DATE:
PLACE**

**SIGNATURE:
NAME OF SIGNATORY:
NAME OF BIDDER:**

(SEAL OF THE BIDDER)

A. LIST OF ITEMS TO BE PACKED IN WOODEN BOX.

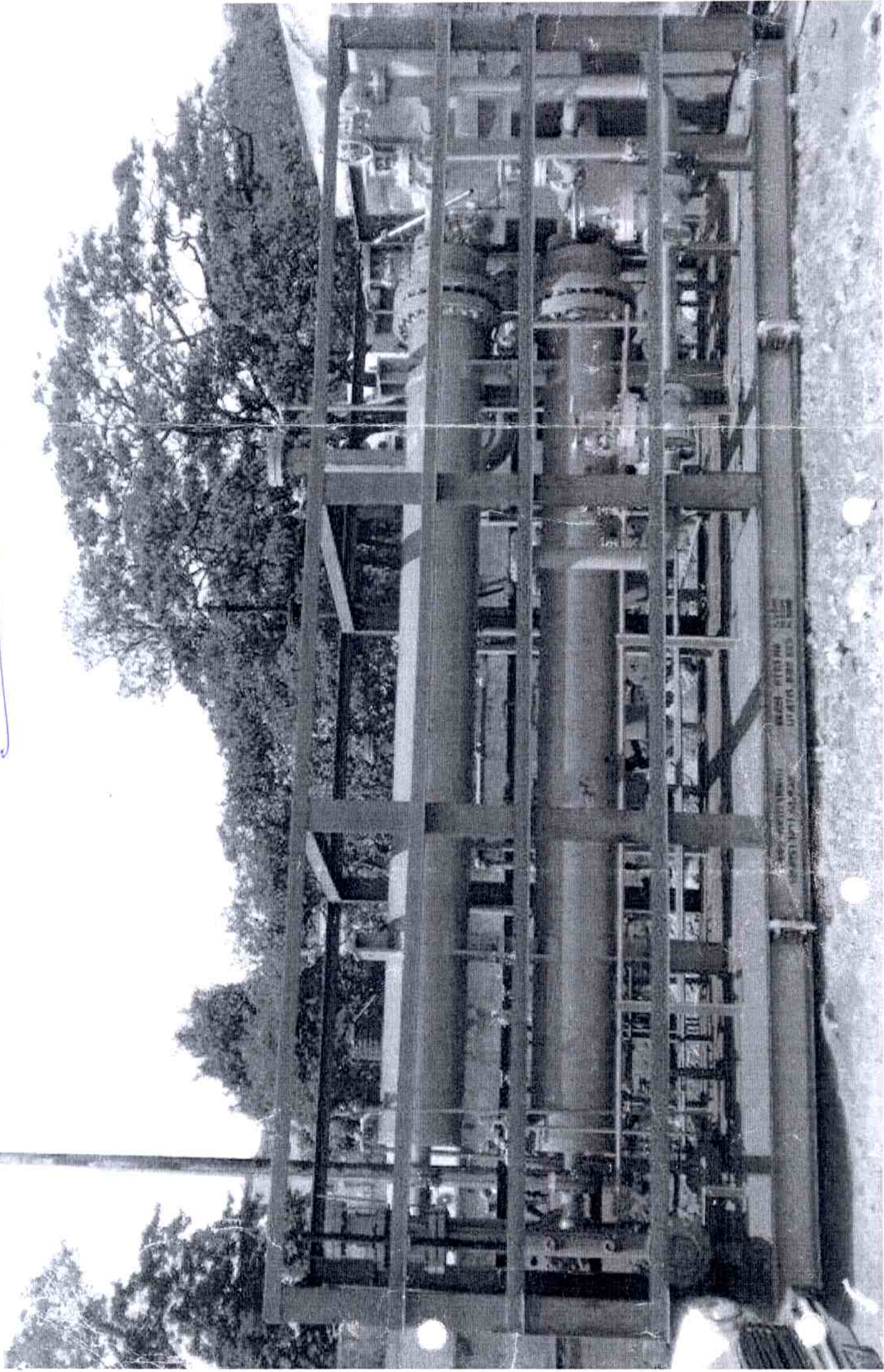
- | | |
|---|-----------|
| 1. 90 KW ACID CLEANING MOTOR WITH PUMP & BASE FRAME | - 03 SET |
| 2. HAND OPERATED VALVE 10 INCH SIZE | - 02 NOS |
| 3. ACID INJECTION PUMP WITH BASE FRAME | - 01 NO. |
| 4. MOTOR OPERATED VALVE 16 INCH SIZE | - 02 NOS. |
| 5. TARGET PLATE S & HOLDER | - 64 NOS. |
| 6. LOVE JOY COUPLING | - 03 NOS |
| 7. REDUCER 500 /400 MM | - 01 NO |
| 8. 90 KW MOTOR STARTER | - 03 NOS |
| 9. ACID CLEANING STAINER | - 03 NOS |

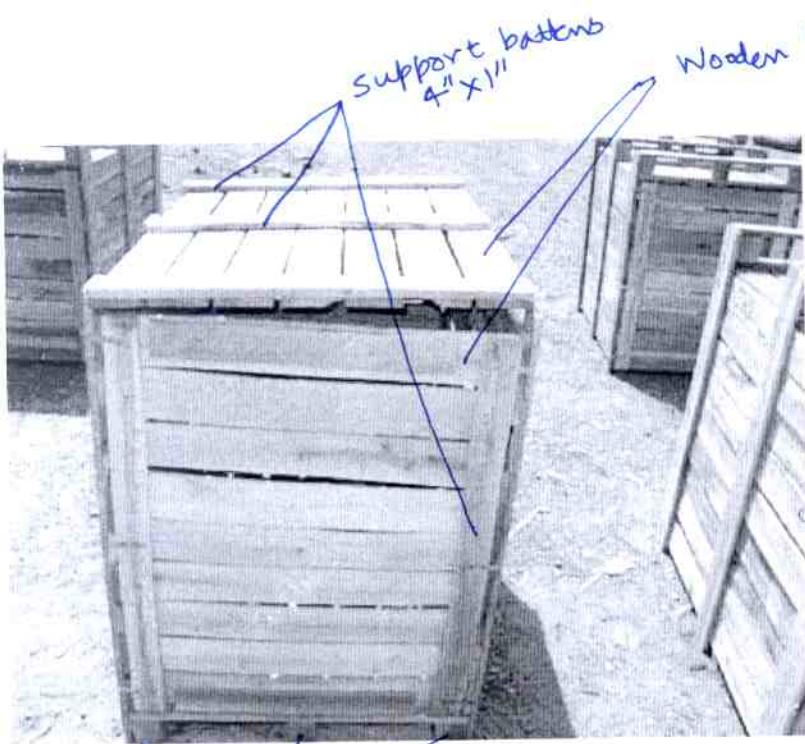
B. LIST OF ITEMS PACKED IN STEEL CRATE.

- | | |
|--|----------|
| 1. 400 MM DIA PIPE LENGTH IN MTRS.- 7.3 ,6.6 ,3.0 ,3.8 | - 04 NOS |
| 2. 500 MM DIA PIPE LENGTH IN MTRS - 4.3 ,6.1 ,6.1 ,5.5 | - 04 NOS |



Sample ~~Head~~ Grates ~~for~~ sketch





3" x 2" ^{height} lengths per Legwiler ^{1/2},
 (for bottom pallet & corners supports)

WOODEN PACKING BOX

GI Sheet (Plain) 0.7 mm thick shall be wrapped all around.

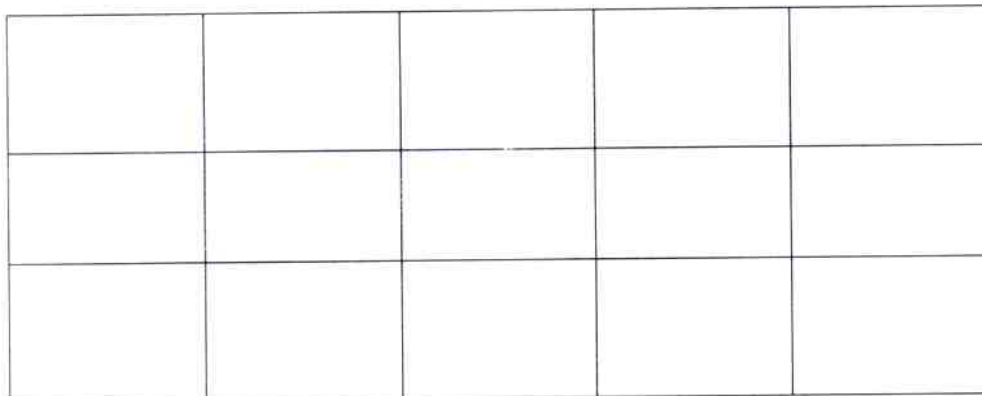
SKETCH (A)

ANNEXURE A

ANNEXURE - B
Sketch of steel crate (B)

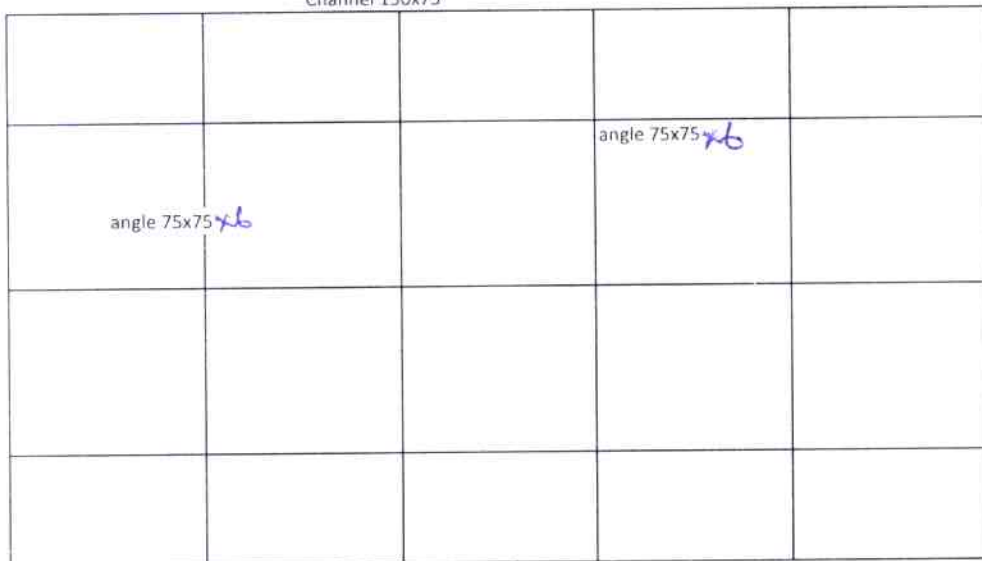
Page 1

TOP VIEW



7 m
(for pipe length for 6.1 to 7.3 m)

Channel 150x75



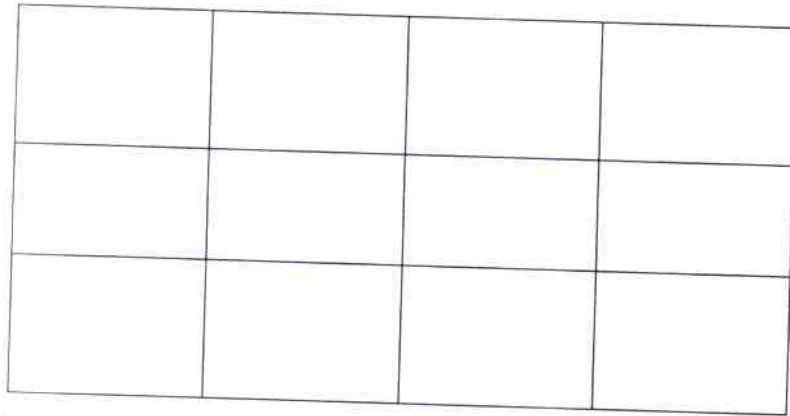
7 m
(for pipe length for 6.1 to 7.3 m)

- Total no. of crate is 02
- Each crate have 04 pipes with properly locked for transportation.
- Painting of crate to be done by contractor.
- End cover to be fitted on pipes

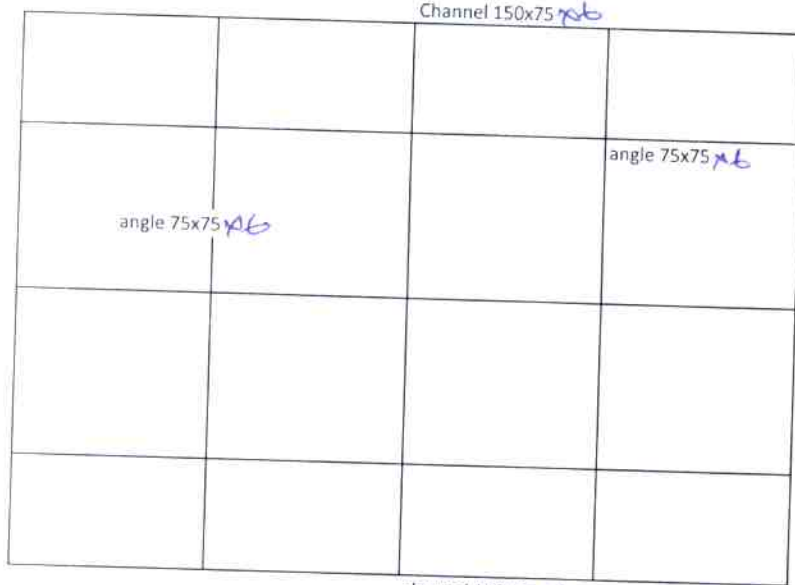
Red cross

Signature

P.T.O.



6 m
(for pipe length for 3 to 5.5 m)

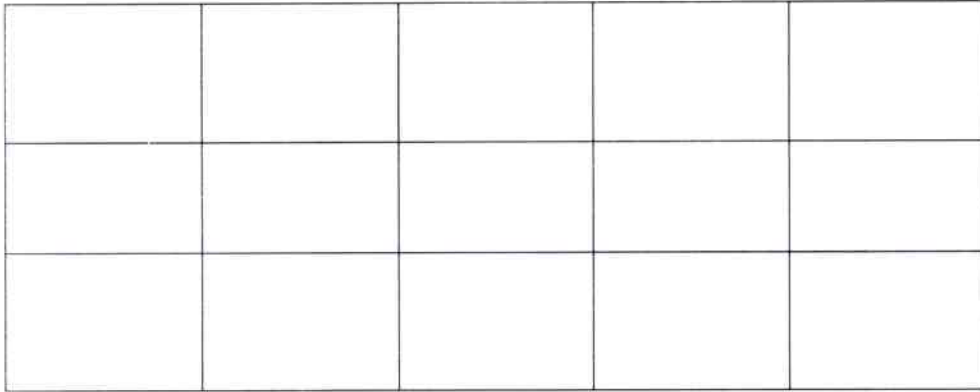


6 m
(for pipe length for 3 to 5.5 m)

Mulla

Sketch of Skid crate (B)

TOP VIEW



7 m
(for pipe length for 6.1 to 7.3 m)

Channel 150x75 x 6



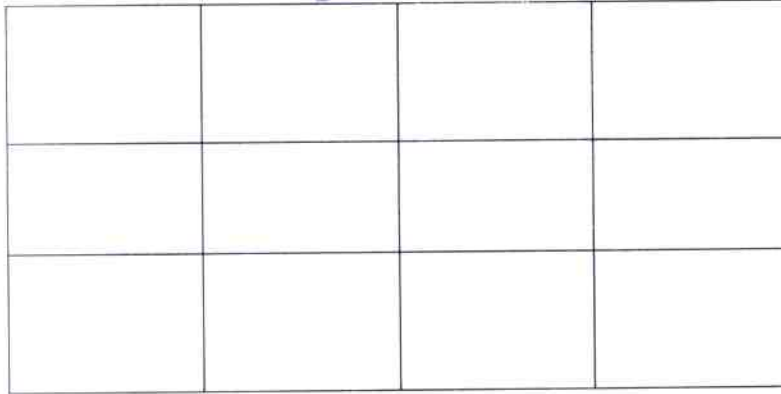
7 m
(for pipe length for 6.1 to 7.3 m)

Total no. of crate is 02
Each crate have 04 pipes with properly locked for transportation.

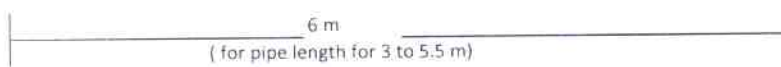
Amulkar

P.T.O.

(Top)

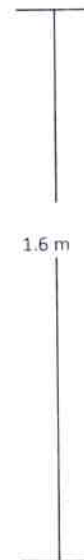
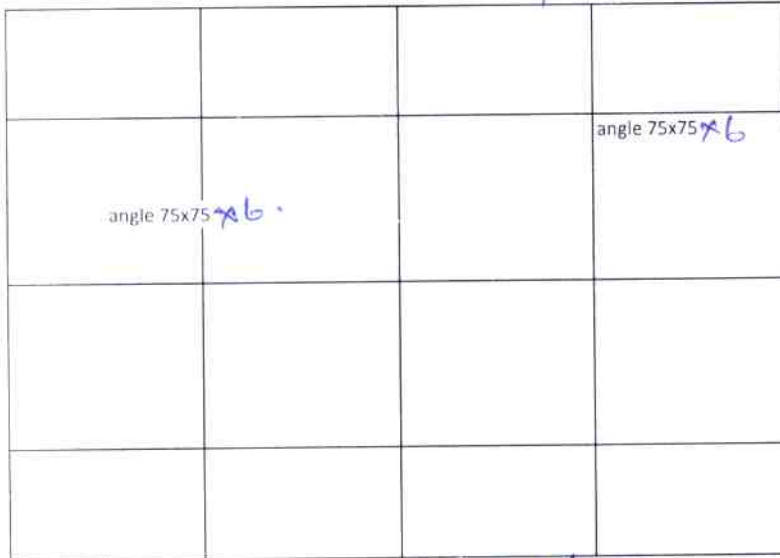


1.6 m

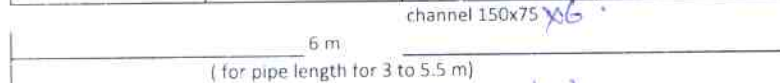


6 m
(for pipe length for 3 to 5.5 m)

Channel 150x75 x6



1.6 m



6 m
(for pipe length for 3 to 5.5 m)

(Front)