

HLL Biotech Limited
(A Government of India Enterprise)
(A Subsidiary of HLL Lifecare Limited)
Corporate identity number of HBL: U24290KL2012GOI030732 dtd 12.3.12

BID REF No: HBL/IVC/LTE/TOOLS_TACKLES/17-18 dated 13.06.2017

**TENDER FOR SUPPLY OF TOOLS & TACKLES AT INTEGRATED VACCINE
COMPLEX, CHENGALPATTU**

INTRODUCTION OF THE COMPANY

HLL Biotech Limited (HBL) was incorporated as a subsidiary of HLL Lifecare Ltd, a Government of India Enterprise under the Ministry of Health and Family Welfare, Government of India. HBL is conceived to take the lead role in providing products, services and assistance in achieving our country's goals in immunization and eradication of deadly diseases.

HBL is setting up an Integrated Vaccine Complex (IVC) at Chengalpattu, an emerging industrial hub in the southern tip of Tamilnadu state. Project outlay for IVC is Rs 6.00 Billion and 75% of the products & services will be designed to meet the targets of the Universal Immunization Policy (UIP) of the country.

This project has been declared as a "Project of National Importance" by the Government of India.

SCOPE OF WORK

The scope of work is **Supply of Tools & Tackles at Integrated Vaccine Complex, Chengalpattu**. The **Calibration Certificate** need to be submitted for all the measuring equipment (Schedule –II) along with the supply of the material.

Supplier may quote for the items as mentioned in the Price Schedule (attached as **Annexure –V**)

The supply has to be done at the below mentioned consignee address,

Consignee Address:

HLL Biotech Limited, Integrated Vaccines Complex, SR No 192 & 195, Thirumani Village, Chengalpattu– 603001 Tamil Nadu, India.

DETAILS REGARDING IMPORTANT DATES ARE AS FOLLOWS:

S No	Description	Schedule
i.	Closing date & time for receipt of Tender	23.06.2017 at 15:00 Hrs
ii.	Time and date of opening of Technical & Financial Bids	23.06.2017 at 15:30 Hrs
iii.	Venue of Opening of Techno Commercial Bids	HLL Biotech Limited, Integrated Vaccines Complex, SR No 192 & 195, Thirumani Village, Chengalpattu– 603001 Tamil Nadu

1. Instruction to Bidders

- 1.1 The bids are invited on single stage bidding basis. The bid will constitute of Technical cum Financial bid.
- 1.2 Technical cum Financial bid is to be submitted in a single sealed envelope.
- 1.3 The bid is invited for supply of Tools & tackles at ***HLL Biotech Limited, Integrated Vaccines Complex, SR No 192 & 195, Thirumani Village, Chengalpattu– 603001*** as per specification and other details given in the bid document. All bidders who qualify the eligibility conditions as detailed in the bid document are eligible to participate except in the case of firms who are blacklisted / barred by competent government agencies or HBL in participation and award of such contracts
- 1.4 There is no bid document fee.
- 1.5 Bids shall be addressed in the name of ***The Chief Executive Officer, Integrated Vaccines Complex, SF No 192 & 195, Thirumani Village, Chengalpattu– 603001 Contact No: 044 27421449. Email: sureshs@hllbiotech.com.***
- 1.6 Bids shall be valid for 120 days from the date of bid opening.

1. Mode of submission of Bids

- a. EMD (Earnest Money Deposit) in the form of crossed demand draft/ banker's cheque/Bank Guarantee in favor of "HLL Biotech Limited" payable at Chennai, has to be submitted for each Schedules separately as per the value mentioned below, which shall be valid for 90 days from the date of tender opening.
- b. EMD Amount:
 1. **Schedule – I Rs. 18,000/- (Rupees Eighteen Thousand only)**
 2. **Schedule – II Rs. 28,000/- (Rupees Twenty Eight Thousand only)**

DOCUMENTS TO BE FILLED, SCANNED AND UPLOADED IN THE E-TENDERING WEBSITE WITHIN THE PERIOD OF TENDER SUBMISSION

- a. **Annexure: I** Specification of Equipment (Schedule –II)
- b. **Annexure: II** (Bid Data sheet) - duly filled, signed and stamped
- c. **Annexure: III** Documents required as per Minimum Eligibility Criteria
Purchase order Copies from previous reputed Government, Public or Private organizations for same or similar items should be submitted.
- d. **Annexure: IV** (Bid form) - duly filled, signed and stamped
- e. Deviation list shall be attached if any
- f. **Tender document, and addendum/corrigendum** – all the pages of documents shall be duly signed and stamped

1. Minimum Eligibility Criteria

"The Tenderer in general should possess adequate experience in supplying sufficient volume of same or similar items in the past 2 years. Purchase order Copies from previous reputed Government, Public or Private organizations for same or similar items should be submitted.

2. Bid Evaluation

Bid determined to be substantially responsive will be checked by HBL for any arithmetic errors and the same will be corrected as follows:

- a. Where there is a discrepancy between the rates in figures and in words, the rates in words will prevail.

- b. Where there is a discrepancy between the unit price and the total price resulting from the multiplying the unit price by the quantity, the unit price as quoted shall prevail.
- c. The tenderer supplying indigenous goods or already imported goods shall quote only in Indian Rupees.
- d. The Bid shall be evaluated schedule wise

3. Tender Price & Documents

- a) For domestic goods or goods of foreign origin located within India, the price of the goods should be quoted on **FOR IVC Chengalpattu basis** with the detailed breakup of ex-factory/ ex-showroom/ ex-warehouse/ off-the-shelf, as applicable, including all taxes and duties like sales tax, CST/VAT, CENVAT, Custom Duty, Excise Duty etc. already paid or payable on the components and raw material used in the manufacture or assembly of the goods quoted ex-factory etc. or on the previously imported goods of foreign origin quoted ex-showroom etc;
- b) Any sales or other taxes and any duties including excise duty, which will be payable on the goods in India, if the contract is awarded.
- c) Charges towards Packing & Forwarding, Inland Transportation, Insurance (local transportation and storage) would be borne by the Supplier from ware house to the consignee site for a period including 3 months beyond date of delivery, Loading/Unloading and other local costs incidental to delivery of the goods to their final destination as specified in the List of Requirements and Price Schedule.

For IVC Chengalpattu price will be considered for comparison and evaluation.

4. Exemptions/Forms

HBL will not provide any duty exemption. **HBL will issue the “C” Form.**

5. Rejection of bids

Notwithstanding the above conditions, HBL reserves the right to accept or reject any offer, and to annul the tender process and reject all offers, at any time prior to award of Contract without thereby incurring any liability to the affected Bidder or

Bidders or any obligations to inform the affected Bidder or Bidders of the grounds for HBL's action.

6. Notification of Award

- 6.1 Prior to the expiry of the period of offer validity prescribed by HBL, HBL will notify the successful Bidder by Tele-fax or e-mail, to be confirmed in writing by registered post/ by courier, that his offer has been accepted. The purchase order will be issued to the successful bidder. No correspondence will be entertained by HBL from the unsuccessful Bidders.
- 6.2 Upon selection of the successful bidder (technically qualified L1 party) HBL will promptly notify the same to successful Bidder through a Purchase Order.
- 6.3 EMD's of unsuccessful bidders will be returned only after finalizing the L1 Party and EMD's of technically non-responsive bidders will be returned after financial bid opening.

TERMS AND CONDITIONS

1. DEFINITION:

1.1 For the purpose of this contract, the following words and expressions shall have the meaning hereby assigned to them except where the context otherwise requires: -

- i. "HBL" means HLL Biotech Limited, which expression shall unless excluded by or repugnant to the context include HBL's representative.
- ii. "Contractor/ Bidder" Means successful lowest bidder.
- iii. "Earnest Money Deposit" (EMD) means Bid Security/ monetary or financial guarantee to be furnished by a tenderer along with its tender.
- iv. "Performance Security" means monetary or financial guarantee to be furnished by the successful tenderer for due performance of the contract placed on it. Performance Security is also known as Security Deposit.
- v. "Consignee" means the organization/person to whom the goods are required to be delivered as specified in the Contract. If the goods are required to be delivered to a person as an interim consignee for the purpose of dispatch to another person as provided in the Contract then that "another" person is the consignee, also known as ultimate consignee.

2. PAYMENT SCHEDULE:

Payment shall be made within 30 days as specified in the contract in the following manner:

S.No	Stage	Percentage
1	On Supply of material at site & Final Acceptance by HBL's Representative.	100% of the order value

The quoted price should be also inclusive of Customs Charges (if applicable), Taxes, Freight, Packaging Charges, Insurance & FOR delivery at consignee site and is firm and fixed till completion of the work.

3. TAXES AND OTHER LEVIES

The quoted price shall be inclusive of all applicable taxes and duties.

4. PERFORMANCE SECURITY

4.1 The successful bidder has to furnish performance guarantee from scheduled commercial bank in the form of a bank guarantee in the name of HLL Biotech Limited on receipt of the purchase order. The performance bank guarantee valid up to a **period of 1 year** (on completion of warranty period for all equipment listed in Schedule –II) beyond the completion of work with **additional claim period of 2 months** for **5%** of the equipment value (for all equipment attracting warranty listed in Schedule –II) has to be submitted within 10 days from the date of Purchase Order. The EMD Paid shall be returned after receipt of Performance Bank Guarantee.

4.2 Failure of the successful Bidder to furnish the required Performance Security shall constitute sufficient grounds for the annulment of the award of Contract and shall forfeit the EMD.

4.3 Forfeiture of Performance Security

In case, the Contractor/ Bidder fails to complete the work, HBL, without prejudice to rights and remedies available under the contract, shall forfeit and en-cash the Performance Guarantee.

4.4 In case, the bank goes in liquidation or for any reason is unable to make payment against the said Bank Guarantee, the loss caused thereby shall be borne by the Contractor/ Bidder. The Contractor/ Bidder forthwith, on demand from HBL, shall make good the deficit.

5. ADDITIONS/DELETIONS

5.1 HBL shall have the right to direct in writing for changes, additions, modifications or deletions in the design and drawings or any part of the work and to request in writing additional work in connection therewith and the Contractor/ Bidder shall comply with such directions.

5.2 The Contractor/ Bidder shall not make any deviations, alterations, additions, to or

omissions from the work shown/described and awarded to the Contractor/ Bidder except through and with proper approval of HBL.

6. TIME SCHEDULE

6.1. The day of commencement of project will be reckoned from the date of issue of Purchase order.

Delivery: Four weeks from the date of issue of purchase order.

6.2 The supply shall be carried out with all due diligence and as per the time schedule specified above. In case of any delay/default, of the Contractor/ Bidder to adhere to the agreed time schedule, HBL shall recover the liquidated damages from the Contractor/ Bidder at the rate of 0.5% (Zero point Five percent) of the total amount of fee per week of delay of any activity subject to a maximum of 5% (Five percent) of the total order value. However, if there is a purposeful delay by the Contractor/ Bidder, HBL reserves all rights to terminate the contract and get the full work executed at his risk and cost.

7. EXTENSION OF TIME

7.1 To adhere to the above mentioned time schedule the Contractor/ Bidder shall provide on demand necessary documents, information and certificates/undertakings to HBL. Any delay in supplying the requisite documents and delay due to any other cause beyond the control of the Contractor/ Bidder shall be considered for grant of extension of time. If the Contractor/ Bidder require extension of time, they shall intimate in writing to HBL within 3 days of the occurrence of such hindrance/delay, along with proper documents.

7.2 HBL after satisfying itself about the reasonableness of grounds may grant extension of time, if it is justified and communicated the same in writing. Whenever such extension of time is granted, it would be without prejudice to the rights of HBL for any penal action to the extent of the delay attributable to the Contractor/ Bidder. Any extension of time granted as stated above shall neither entitle the Contractor/ Bidder to any claim for increase in their fees nor shall it

release him from any of the obligations under the said agreement.

8. ABANDONMENT OF WORK

8.1 If the Contractor/ Bidder/ supplier abandons the work for any reason whatsoever or becomes incapacitated as aforesaid, HBL shall forfeit/en-cash the Performance Guarantee. HBL shall be at liberty to make full use of all or any of material supplied by the Contractor/ Bidder/ supplier. The Contractor/ Bidder/ supplier shall also be liable to refund all the charges paid to him up to date plus such damages as may be assessed by HBL including the recovery of liquidated damages.

8.2 Provided, however, that in the event of the termination of the agreement under proper notice as provided in the clause hereinafter, the Contractor/ Bidder shall be liable to refund any excess payment made to him over and above which is due to him in accordance with the terms of this agreement, for the work executed by him till the date of termination of agreement.

9. WARRANTY

9.1 The bidder shall give warranty of all the equipment (Schedule –II) for a period of **minimum One year** from the date of final acceptance certificate from HBL. HBL shall grant right of access to the Contractor/ Bidder, of this portion of the work claimed to be defective for inspection and rectification.

9.2 HBL may recover the loss from the dues of the Contractor/ Bidder in case of failure to comply with the above clause.

10. DETERMINATION AND RESCISSION OF TERMS & CONDITIONS

10.1. When the Contractor/ Bidder have made himself liable for action under any of the clauses aforesaid, HBL shall have powers:

- a) To rescind the agreement.
- b) To engage another Contractor/ Bidder to carry out the balance work debiting the Contractor/ Bidder the extra amount, if any, so spent for getting the balance work done. This amount would be in addition to the recovery of liquidated damages.

11. GENERAL

- 11.1 The Contractor/ Bidder shall be fully responsible for the technical soundness of the material and also ensure that the material is supplied as per the specifications.
- 11.2 The Contractor/ Bidder hereby agrees that the charges to be paid as provided herein (clause 3) will be in full discharge of functions to be performed by him and no claim whatsoever shall be made against HBL in respect of any proprietary rights or copy right on the part of any other party relating to plans, models and drawings.
- 11.3 The Contractor/ Bidder shall indemnify and keep indemnified HLL Biotech Ltd against any such claims and all costs and expenses paid by HBL in defending such claims to be borne by the Contractor/ Bidder.
- 11.4 The Contractor/ Bidder hereby agrees that HBL shall have the right to take out any of the activities, which in the opinion of HBL is not being performed by the Contractor/ Bidder with due diligence, and within the agreed time schedule, and which can be performed independently. The fees or the expenses incurred shall be debited to the Contractor/ Bidder.

12. ARBITRATION

- 12.1 If any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives at any time in connection with construction, meaning, operation, effect, interpretation or out of the contract or breach thereof, the parties shall seek to resolve such a dispute or difference by mutual consultation within a period of 30 days from the date on which the party raising the dispute, first communicated the same in writing to the other party. The existing directions, classifications, measurements, drawings and certificates of the Employer shall be final and binding upon the contractor during the progress of the works and shall not be set aside on account of non-observance of any formality, any omission, delay or error in proceeding in or about the same or on any other ground or for any reason.

In case the dispute is not settled by mutual consultation, then either party may refer the same to Arbitration by an Arbitral Tribunal consisting of three arbitrators. Each party shall appoint an arbitrator and the arbitrators so appointed shall appoint a third arbitrator who will act as presiding arbitrator.

The reference to arbitrator shall specify the matters which are in question, dispute or difference and only such dispute or differences of which the demand has been made be referred to arbitration. Notwithstanding the reference to arbitration, the contractor shall continue to duly perform his obligations under the contract.

The Award of the Arbitral Tribunal shall be final, conclusive and binding on the parties. The Arbitration shall be conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996. The venue of the arbitration shall be at Chennai. The fees of the arbitrators shall be borne by the parties nominating them and the fee of the Presiding Arbitrator, costs and other expenses incidental to the arbitration proceedings shall be borne equally by the parties

12.2 The place of arbitration shall be at **Chennai**.

13. FALL CLAUSE

The prices charged for this particular service/supply under the Contract by the supplier/service provider shall in no event exceed the lowest price at which the supplier/service provider sells the service/supply of identical description to any person(s)/organization (s) including the Purchaser or any Department of the Central Government or any Department of a State Government or any statutory undertaking of the Central or a State Government, as the case may be, during the period till performance of all Supply Orders placed during the currency of Rate Contract is completed.

14. STATUTORY VARIATIONS

Any variation in statutory levies/taxes within the contractual delivery period shall be to HBL's account subject to production of documentary evidence and Govt. notifications by the Supplier & beyond contractual delivery period, upward variation shall be to Supplier's account. Unit Prices quoted by the bidder shall be firm and valid, irrespective of any statutory variations in Taxes/levies. In case any taxes,

duties are not clearly specified in price bid then it will be presumed that no such tax/levy is applicable or payable. Blank field in Price Bid shall be treated as 'Inclusive' in the quoted price.

ANNEXURE- I

THE SPECIFICATION FOR EQUIPMENTS IN SCHEDULE - II ARE ENCLOSED
HEREWITH

1. ANEMOMETER SPECIFICATION

Anemometer Specification		
Parameters	Units	Range
Range	m/s	0-60
Accuracy	m/s	0.1
Resolution	m/s	0.1
Units	m/s,FPM & KMPH	–
Avg Wind speed Measurement (Optional)	m/s	Yes
Max./Min.Wind speed Measurement	m/s	Yes
Operating/Measuring Temperature Range	Deg.C	0-50
Temperature Accuracy	Deg.C	1
Backlight Display	–	Yes
Low Battery Indication	–	Yes
sample Time	time/sec	1
Power	–	9V Battery

2. SOUND LEVEL METER

Sound Level meter Specification		
Parameters	Units	Range
STANDARD	ANSI S1.2 Type-2	
Make	Testo & Yokogawa	
Range	dB	30 to 100 & 60 to 130
Noise Floor	dB	<33
Time Weightings	—	Fast, Slow & Impulse
Battery Power	—	3 x AA Alkaline for >35hrs operation
External Power	—	5V via USB Mini B-socket
AC Output	—	0.85V RMS@FSD "A"
DC Output	—	0to1.3V DC for FSD on selected range
Operating Condition		
RH	—	5 to 90%
Temperature	Deg.C	0 to 40
Pressure	kpa	atm pressure (60 to 108)

3. ILLUMINATION METER (LUX)

ILLUMINATION METER (LUX) Specification		
Parameters	Units	Range
Make	—	YOKOGAWA/OMEGA
Range	lx	0-99.9 & 999
Accuracy	lx	$\pm 2\%rdg \pm 1Dgt$
Measurement cycle	—	Twice/sec
Response Time	Second	2 sec.in Manual & 5sec.in Auto
Display	—	Liquid Crystal (7 digit)
Operation Temperature	Deg.C	-10 & 40
Operating RH	—	Upto 80%
Power supply	—	USB supply(5vDC $\pm 5\%$)
Output	—	DC 1V $\pm 5\%$ & Load Resistance 100k Ω
Low Battery Indication	—	Yes
Others	—	Recorder output plug & Dry cell

4. Hot wire-Anemometer

Hot wire-Anemometer Specification		
Parameters	Units	Range
Range	m/s	0-30
Accuracy	m/s	10%+1d Full scale
Resolution	m/s	0.1
Units	m/s,FPM & KMPH	—
Operating/Measuring Temperature Range	Deg.C	0-50
Temperature Accuracy	Deg.C	1
Backlight Display	—	Yes
Low Battery Indication	—	Yes
sample Time	time/sec	1
Power	—	9V Battery/Chargeable
Storage/Transmission facility	—	Yes

ANNEXURE- II
BID DATA SHEET

S.no	Description	Details
1	Bid reference number	HBL/IVC/LTE/TOOLS_TACKLES/17-18 dated 13.06.2017
2	Due date for submission	23.06.2017 at 15:00 Hrs
3	Name & Address of bidder	
5	Year of establishment	
6	Type of the firm	Public Ltd/Pvt Ltd./Partnership/Regd firm
8	Name & Address of Directors/Partners	1. 2.
7	PAN Number	
8	Contact Phone-Office	
9	Cell	
10	Email	
11	Copy of MOA/partnership deed/Registration	Attached/Not Attached
12	Copy of PAN of Directors/Partners	Attached/Not Attached
13	Latest IT return statement	Attached/Not Attached
14	Past three years P&L, Balance Sheet	Attached/Not Attached
15	All pages of bid document duly sealed and signed by the authorized person	Attached/Not Attached
16	Power of Attorney/Authorization to sign the bid	Attached/not Attached
17	Manufacturer's authorization letter	Attached/not Attached
18	EMD (in favor of HLL Biotech Limited in the form of Demand Draft / Banker's cheque from a Nationalized or Scheduled bank, payable at Chennai)	Attached/Not Attached

ANNEXURE- III

Details of Projects for which material was supplied in the last TWO years

Sl. No.	Name and location of the Client	Item Description (attachments can be given)	Quantities Supplied	Value in Rs.
1				
2				
3				
4				
5				
6				
7				
8				

ANNEXURE- IV

BID REF No: HBL/IVC/LTE/TOOLS_TACKLES/17-18 dated 13.06.2017

BID FORM

Item: Supply of Tools & tackles

Having examined the bidding documents, including amendments of which is hereby acknowledged, we, the undersigned, offer to execute the contract including the supply and delivery of the goods (FOR IVC Chengalpattu) in full conformity with the said bidding documents for the sum of:

In Fig:

IN WORDS

(Hereinafter called "the Total Bid Price") or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.

We undertake, if our bid is accepted, to execute the contract in accordance with the delivery schedule specified in the schedule of requirements.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the Bidding Documents.

We agree to abide by this bid, for the Bid Validity Period specified in the Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

Until the formal final Contract is prepared and executed between us, this bid, together with your written acceptance of the bid and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

Dated:

Signed by:
In the capacity of

ANNEXURE- V

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
1	TAPARIA	Adjustable Screw Spanners (with Soft grip)	13mm	3		
2	TAPARIA	Adjustable Screw Spanners (with Soft grip)	19mm	3		
3	TAPARIA	Adjustable Screw Spanners (with Soft grip)	26mm	3		
4	TAPARIA	Adjustable Screw Spanners (with Soft grip)	30mm	4		
5	TAPARIA	Adjustable Screw Spanners (with Soft grip)	35mm	3		
6	TAPARIA	Adjustable Screw Spanners	43mm	3		
7	TAPARIA	Adjustable Screw Spanners	55mm	4		
8	TAPARIA	Adjustable Screw Spanners	62mm	3		
9	TAPARIA	Adjustable Screw Spanners	90mm	3		
10	TAPARIA	Double End Spanner sets Product code : DEP12	Set	4		
11	TAPARIA	Double End Spanner sets Product code : DW09	Set	4		
12	TAPARIA	Double End Spanner sets Product code : DEP	24 x 26	4		
13	TAPARIA	Double End Spanner sets Product code : DER	32x36	1		
14	TAPARIA	Double End Spanner sets Product code : DER	41x46	1		
15	TAPARIA	Ring Spanner Sets (Chrome Plated) Product code : 1812	Set	4		
16	TAPARIA	Ring Spanner Sets (Chrome Plated) Product code : RW09	Set	4		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
17	TAPARIA	Ring Spanner Sets (Chrome Plated) Product code : 18	36x41	2		
18	TAPARIA	Ring Spanner Sets (Chrome Plated) Product code : 18	41x46	2		
19	TAPARIA	Tubular Spanner Set Product code : TS12	Set	4		
20	TAPARIA	Slogging Spanner Set Product code : SSR27	27	1		
21	TAPARIA	Slogging Spanner Set Product code : SSR30	30	1		
22	TAPARIA	Slogging Spanner Set Product code : SSR32	32	1		
23	TAPARIA	Slogging Spanner Set Product code : SSR34	34	1		
24	TAPARIA	Slogging Spanner Set Product code : SSR36	36	1		
25	TAPARIA	Socket Sets 12.5mm (1/2) Square Drive Product code : S-11H		3		
26	TAPARIA	Socket Sets 12.5mm (1/2) Square Drive Product code : 1743 (Extension Bar)		3		
27	TAPARIA	Pipe Wrench Product code : HPW08	33 mm	3		
28	TAPARIA	Pipe Wrench Product code : HPW14	60 mm	2		
29	TAPARIA	Pipe Wrench Product code : HPW24	95 mm	2		
30	TAPARIA	Pipe Wrench Product code : 1274	48 mm	1		
31	TAPARIA	Torque Wrench Product Code: TW2000	1 inch	1		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
32	TOTEM	TAP SET	12mm	1		
33	Stanley	Ratchet Spanner Set(6Pc Set) Part No: 94-402-22 Spec: 8 x 9, 10 x 11, 12 x 13, 14 x 15, 16 x 18, 17 x 19mm	Set	1		
34	Taparia	T Handle Product code : 1733	300 mm	3		
35	Taparia	Ratcheted Handle Product code : 1715	255 mm	5		
36		Strap Wrench(UPVC)	4 Inch	2		
37	Taparia	Soft face hammer with Handle Product code : SFH40	40mm	4		
38	Taparia	Hammer with Handle Product code : WH200B/C	200 Gms	7		
39	Taparia	Hammer with Handle Product code : WH340B	340 Gms	1		
40	Taparia	Hammer with Handle Product code : CH340	340 Gms	1		
41	Taparia	Hammer with Handle Product code : WH500 B/C	500 Gms	5		
42	Taparia	Hammer with Handle Product code : WH800 B/C		3		
43	Taparia	Sledge Hammer Product code : SHHW 1350	1350 Gms	1		
44	Taparia	Sledge Hammer Product code : SHHW 6300	6300 gms	2		
45	Stanley	Screw Drivers Minus Type New Part No: STHT65181-8	3mm x 100mm	4		
46	Stanley	Screw Drivers Minus Type New Part No: STHT65183-8	3mm x 150mm	4		
47	Stanley	Screw Drivers Minus Type New Part No: STHT65187-8	5mm x 100mm	4		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
48	Stanley	Screw Drivers Minus Type New Part No: STHT65189-8	5mm x 200mm	4		
49	Stanley	Screw Drivers Minus Type New Part No: STHT65193-8	6.5mm x 150mm	4		
50	Stanley	Screw Drivers Minus Type New Part No: STHT65194-8	6.5mm x 200mm	4		
51	Stanley	Screw Drivers Minus Type New Part No: STHT65197-8	8mm x 200mm	4		
52	Stanley	Screw Drivers Minus Type New Part No: STHT65198-8	8mm x 250mm	4		
53	Stanley	Screw Drivers Star Type New Part No: STHT65158-8	0X100mm	4		
54	Stanley	Screw Drivers Star Type New Part No: STHT65165-8	1X200mm	4		
55	Stanley	Screw Drivers Star Type New Part No: STHT65170-8	2X200mm	4		
56	Stanley	Screw Drivers Star Type New Part No: STHT65173-8	3X200mm	4		
57	Taparia	Combination Plier insulated with thick C.A Sleeve Product code : 1621-6	165 mm	8		
58	Taparia	Plier insulated with thick C.A Sleeve Product code : 1621-7	185 mm	5		
59	Taparia	Combination Plier insulated with thick C.A Sleeve Product code : 1621-8	210 mm	5		
60	Taparia	Nose Plier - Insulated with thick C.A Sleeve Product code : 1421-6N - Flat Nose	165	4		
61	Taparia	Nose Plier - Insulated with thick C.A Sleeve Product code : 1430-6 - Long Nose	170mm	4		
62	Taparia	Cutting Plier Product code : 1122-6N	165mm	4		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
63	Taparia	Circlip plier Product code : 1441-13 St Nose Internal	85-165 mm	1		
64	Taparia	Circlip plier Product code : 1442-13 Bent Nose Internal	85-165 mm	1		
65	Taparia	Circlip plier Product code : 1443-13 St Nose External	85-165 mm	1		
66	Taparia	Circlip plier Product code : 1444-13 Bent Nose External	85-165 mm	1		
67	Taparia	Water Pump Plier Product code :1226	300 mm	6		
68	Taparia	Allen Keys Product code : KM9V Black Finish	Set/mm	8		
69	Taparia	Allen Keys Product code : KHI10 V Black Finish	Set/Inch	8		
70	Taparia	Allen Keys Product code : TAKM9 - handle Allen set	Set/mm	1		
71	Taparia	Allen Keys Product code : AK12	mm	1		
72	Taparia	File & Punches Product code : 3SQ1501 Bastard Three Square	150mm	2		
73	Taparia	File & Punches Product code : 3SQ1503 Smooth Three Square	150mm	2		
74	Taparia	File & Punches Product code : 3SQ3001 Bastard Three Square	300mm	2		
75	Taparia	File & Punches Product code : 3SQ3001 Smooth Three Square	300mm	2		
76	Taparia	File & Punches Product code : HR3001 Bastard Half Round	300mm	2		
77	Taparia	File & Punches Product code : HR3003 Smooth Half Round	300mm	2		
78	Taparia	File & Punches Product code : FL 3001 Bastard Flat file	300mm	2		
79	Taparia	File & Punches Product code : FL 3003 Smooth Flat file	300mm	2		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
80	Stanley	12 Drive Socket Set (43 pieces)	Set	2		
81	Taparia	File & Punches Product code : DCLP 7 Punch Set	Set	4		
82	Taparia	Number Punch	Set	4		
83		Anvil		1		
84		Chain Blocks & Pullers				
84.1.1		Chain Block (Alloy Chain)	1 TON (5 METER)	1		
84.1.2		Chain Block (Alloy Chain)	2 TON (10 METER)	2		
84.1.3		Chain Block (Alloy Chain)	3 TON (10 & 5 METER)	2		
84.1.4		Chain Block (Alloy Chain)	5 TON (10 METER)	1		
84.1.5		Bearing Puller	UPTO 200 MM	2		
84.1.6		Fuse Puller		5		
85		Measuring Tapes/ Rulers				
85.1.1	Freemans	Steel Measuring tape	3 Mtr	2		
85.1.2	Freemans	Steel Measuring tape	5 Mtr	2		
85.1.3	Freemans	Measurement Tape - plastic	3 Mtr	5		
85.1.4	Freemans	Measurement Tape - plastic	5 Mtr	11		
85.1.5	Freemans	Measurement Tape - plastic	30 Mtr	3		
85.1.6	Freemans	Steel Ruler	300 mm	7		
85.1.7	Freemans	Steel Ruler	1000 mm	2		
85.1.8		Insulation Tape		10		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
85.1.9	Champion	Teflon tape	5mtr	10		
85.1.10		Divider	300 mm	4		
86	Champion	Sand Paper / Emery paper	3 Sq.m	1		
87	Champion	Silicon Rubber Gasket	1.5mm Thick/1 Roll	1		
87.1.1	Champion	Silicon Rubber Gasket	3mm Thick / 1Roll	1		
87.1.2	Champion	Metallic Steam Gasket	1.5mm Thick/1 Roll	1		
87.1.3	Champion	Metallic Steam Gasket	3mm Thick / 1Roll	1		
87.1.4	Champion	TC Gaskets Food Grade EPDM encapsulated with Teflon(Food Grade), Steam resistant, Shall Comply to USP Class VI/FDA Chapter 1, Title 21 Para177.2600	Φ 50 x 4mm	25		
87.1.5	Champion		Φ38 x 4mm	25		
87.1.6	Champion		Φ 25 x 4mm	25		
87.1.7	Champion	O Ring	Φ3 x 50Mtr	1		
87.1.8	Champion	O Ring	Φ4 x 50Mtr	1		
87.1.9	Champion	O Ring	Φ6 x 50Mtr	1		
87.1.10	Champion	O Ring	Φ8 x 50Mtr	1		
87.1.11	Champion	O Ring	Φ10 x 50Mtr	1		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
88		Gloves/ Brushes				
88.1.1		Steam Gloves(Heavy Duty)		3		
88.1.2		Canvas Gloves		25		
88.1.3		Rubber Gloves - Electrical		25		
89		Fire Blanket	3Sq Mtr	3		
90		Brush - Hair Type	L=200mm	5		
91.1.1		Brush - Wire Type	L=200mm	5		
92.1.2		Brush - SS wire type	L=200mm	5		
93		Ladders		0		
93.1.1		Cleanroom Aluminium Ladder With Footrest	3mtrs (A-Type)	4		
93.1.2		Cleanroom Aluminium Ladder With Footrest	4mtrs (A-Type)	2		
93.1.3		Cleanroom Aluminium Ladder With Footrest	2.5mtrs (A-Type)	2		
93.1.4		Cleanroom Aluminium Ladder With Footrest	5mtr	2		
93.1.5		Cleanroom Aluminium Ladder With Footrest	6mtrs (Type-Single)	2		
94		Test Kits		0		
94.1.1		Chlorine Test Kit	up to 10 PPM	2		
94.1.2		Chlorine Test Kit	up to 50 PPM	2		
94.1.3		Hardness Test Kit	up to 600 PPM	2		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
94.1.4		SDI test kit assembly with booster pump	upto 30 SDI	2		
94.1.5		PH PAPER	0 - 14	1		
94.1.6		CORROSION COUPON		5		
95		Miscellaneous				
95.1.1		Silicon Sealant Gun	Nos	10		
95.1.2		Food grade Grease (FDA Certified)	Bottle	10		
95.1.3		Micro Lenz		2		
95.1.4		COVER ALL (BOILER SUIT)		3		
95.1.5		STEEL ROPE	3 TON	1		
95.1.6		STEEL ROPE	5 TON	1		
95.1.7		NYLON ROPE	3 TON	1		
95.1.8		NYLON ROPE	5 TON	1		
95.1.9		JUNCTION BOX		9		
95.1.10		RUSTOLIN	500 ML	2		
95.1.11		INSPECTION LIGHT OR TORCH LIGHT(Heavy Duty)		5		
95.1.12		COTTON WASTE CLOTH (BANIAN)	5Kg	1		
95.1.13		BEAKER FOR WATER SAMPLING	1000 ml	2		
95.1.14		BEAKER FOR WATER SAMPLING	500 ml	2		
95.1.15		Plastic Transparent Measuring Jars	0 - 50 ml	2		
95.1.16		Plastic Transparent Measuring Jars	0 - 200 ml	2		
95.1.17		Plastic Transparent Measuring Jars	0 - 1000 ml	2		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
95.1.18		Plastic Mugs for Chemical Handling (Acid & Base inclusive)	500ml	5		
95.1.19		Plastic Mugs for Chemical Handling (Acid & Base inclusive)	1000ml	5		
95.1.20		Funnel (dia meter 5 inch or higher)		5		
95.1.21		UPVC Paste	100 MI pack	20		
95.1.22		PU Tube	6 MM	100		
95.1.23		PU Tube	8 MM	50		
95.1.24		PU Tube	10 MM	50		
95.1.25		PU Tube Connector	6 MM	100		
95.1.26		PU Tube Connector	8MM	25		
95.1.27		PU Tube Connector	10 MM	25		
95.1.28		Equal Tee Connector	6 MM	25		
95.1.29		Equal Tee Connector	8 MM	25		
95.1.30		Equal Tee Connector	10 MM	25		
95.1.31		pH Paper Book	Range 1-14	200		
95.1.32		Grease gun		2		
95.1.33		Oil can		2		
95.1.34		Rubber Mallet		2		
95.1.35		Earthing Rod		4		
95.1.36		Knife -SS		5		
95.1.37		Test Lamp set		5		
95.1.38	Taparia	ELECTRICAL TESTER		34		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
95.1.39		Earth Tester (Manual)		4		
95.1.40	LOTO	Lock out Tag out set for panel	Tag, Lock, Hasta	8		
95.1.41	Everest	Toolkit For Electrician		3		
96		Caution Boards				
96.1.1		Under Maintenance		7		
96.1.2		Under Service		5		
96.1.3		Do not touch		5		
96.1.4		Wet Floor		5		
96.1.5		System under Sanitization		5		
96.1.6		System under Sterilisation		5		
97		Tool Kits - SS/Cleanroom				
97.1.1		Cleanroom Tool box (Made of SS 304)	SS 304 Material	4		
97.1.2	Bosch	All-in-One Metal 108 Piece Hand Tool Kit		2		
98		Refrigeration tool Kit				
98.1.1		A/c Manifold Gauge Set with Dual pressure gauge and hoses.		1		
98.1.2		Flaring Tool kit	5/8"	1		
98.1.3		Tube cutter	1/2"	1		
98.1.4		Tube bender	5/8"	1		
98.1.5	ROTHEN BERGER	Mini Portable High Power Butane Hydrocarbon LPG Gas Brazing Blow-Torch		2		
98.1.6	FALCON/ KIRLOSKAR	Single Stage 1/3 HP Rotary Vane/Vacuum Pump for AC/Refrigeration		2		

BOQ for Schedule – I						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (Rs)
98.1.7		Empty Refrigerant cylinder (Capacity-5KG)	5KG	2		
BASIC SUB TOTAL						
EXCISE DUTY in %						
VAT in %						
GRAND TOTAL						

NOTE: This tender shall be evaluated schedule wise. The bidder may quote for both the schedules mentioned in the tender. The bidder shall quote separately for the particular schedule. The bidders shall quote for all the items in the schedule for which the bidder is participating. If the bidder does not submit the bid for all items in a particular schedule, the purchaser reserves the rights to reject the bid. The EMD amount has to be submitted separately schedule wise. The list may vary (increase / decrease) during order finalisation.

BOQ for Schedule - II						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
1	Bosch/ HILTI	Grinding Machine & Accessories				
1.1.1	Bosch/ HILTI	AG4 Grainstone size Φ 100		2		
1.1.2	Bosch/ HILTI	AG5 Grain stone size Φ 180		2		
1.1.3	Bosch/ HILTI	AG5 Grainstone size Φ 250		2		
1.1.4	Bosch/ HILTI	Grinding Wheel ANGLE TYPE	Φ 100 (SOFT)	10		
1.1.5	Bosch/ HILTI	Grinding Wheel ANGLE TYPE	Φ 100 (HARD)	10		
1.1.6	Bosch/ HILTI	Grinding Wheel ANGLE TYPE	Φ 180 (SOFT)	10		
1.1.7	Bosch/ HILTI	Grinding Wheel ANGLE TYPE	Φ 180 (HARD)	10		
2	Bosch	Drilling Machine & Accessories				
2.1.1	Bosch	Rotary Hammer with SDS plus with suitable Drill Bits(1Set) Product Code: GBH2- 26DRE Professional	Forward & Reverse	2		
2.1.2	Bosch	Impact Drill Machine with suitable Drill Bits(1Set) Product Code: GSB10 RE Professional	Forward & Reverse	3		
2.1.3	Bosch	Cordless Drilling Machine with suitable Drill Bits(1Set) Product Code: GSR18-2 Professional	Forward & Reverse	2		

BOQ for Schedule - II						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
2.1.4	Bosch	Jig Saw with suitable blade (1Set) Product Code: GST 150 BCE Professional		1		
2.1.5		Drill Bits	Upto 20mm	5		
3	ESAB	Welding Machine				
3.1.1	ESAB	Three Phase Welding Machine Product Code: Easy weld SSR 600		1		
3.1.2	ESAB	Holder Comfort 600 - 2002001002		2		
3.1.3	ESAB	Heavy Duty Earth Clamp 600 - 2002002001		2		
3.1.4	ESAB	Hand Shield Armour (83 x 108mm) - 2001001004		2		
3.1.5	ESAB	Heavy Duty Hand Gloves - 2001005002		2		
3.1.6	ESAB	Cable Welding CU (95 Sq. mm.) HOFER - 4600600170	10 Mtr	2		
3.1.7	ESAB	Soldering Iron		5		
3.1.8	ESAB	Soldering Gel		5		
3.1.9	ESAB	Single Phase portable welding machine with Cable,Holder, Shield, gloves	Set	1		
3.1.10	ESAB	Brazing Kit		5		

BOQ for Schedule - II						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
4		Guages				
4.1.1	Mitutoyo	Dial Guage	0-50mm	1		
4.1.2	Mitutoyo	Micrometer	0-50mm	1		
4.1.3		Feeler Gauge		2		
4.1.4	Bosch	Digital Laser Measurement meter Product Code: GLM 100C	100 Mtr	1		
5		Instruments				
5.1.1	Testo	Vane Anemometer Product Code : Testo 416		2		
5.1.2	Testo	Hot wire Anemometer Product code: Testo 425		1		
5.1.3	Testo	Digital Thermometer product Code: Testo 925		2		
5.1.4		Psycrometer - Sling type		5		
5.1.5	Testo	Digital Tachometer Testo 460		2		
5.1.6	Testo	Lux Meter Product Code: Testo 540		1		
5.1.7	Testo	Sound Level meter Product Code: Testo 816-1		1		
5.1.8	Mitutoyo	Vernier Caliber	0-100mm	2		
5.1.9	Mitutoyo	Micrometer	0-100mm	1		

BOQ for Schedule - II

S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
5.1.10	Taparia	Spirit Level with Magnet Product Code: SLM 1012	12"	2		
5.1.11	HTC	Digital Hygrometer		2		
5.1.12	Fluke	Multimeter Product Code: Fluke 101	0-750V	11		
5.1.13	Testo	Clamp Meter Product Code: Testo 770-1		3		
5.1.14	Fluke	Clamp Meter	0-2000A	5		
5.1.15		LAN Tester		5		
5.1.16		Line Tester		30		
5.1.17	Bosch	Electric Air Blower Blower with Dust Extraction GBL 800 E Professional Part number: 0 601 980 4F0		1		
5.1.18	Mitutoyo	Digital Micrometer: Model No: 293-140-30	Range 0-25mm	3		
5.1.19	Mitutoyo	Digital Vernier Calliper: Product Code : 500-774	Range 0-150mm with self-calibration & LC=0.01mm	2		
5.1.20	Mitutoyo	Vernier Calliper	Range 0-300mm	1		

BOQ for Schedule - II

S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
5.1.21	Fluke	Laser Temperature Gun Product Code: Fluke 568	-40 to 800	2		
5.1.22	Taparia	Spirit Level with Magnet SLM 1012	12Inch	2		
5.1.23	Mitutoyo	Digital ultrasonic thickness gauge with calibration kit	0.01 - 25.40 mm (Dial Type or Digital)	3		
5.1.24	Mitutoyo	Digital Stop watch(Least Count 1Sec)	Max 60Min	1		
5.1.25	Fluke	Digital Megger	50-1000V	5		
5.1.26		SDI test kit assembly with booster pump	upto 30 SDI	2		
5.1.27		Electronic weighing machine	100Kgs	2		
5.1.28		TDS METER	0 - 5000 ppm	1		
5.1.29		Portable digital pH Meter	0 - 14	2		
5.1.30		Portable digital TDS Meter with conductivity	up to 9990 PPM	2		
5.1.31		Portable TSS & turbidity Meter integrated with Temp)	0 to 50 NTU	1		

BOQ for Schedule - II						
S.NO	MAKE	DESCRIPTION	Spec /SIZE	QTY	UNIT RATE (Rs)	TOTAL (RS)
5.1.32		Battery operated Digital Clamp Multimeter with backlight	AC & DC current range: up to 200A; AC & DC Voltage range: up to 600V; Measure Resistance: 10K; Measure Continuity: <=30 ohms;	1		
5.1.33	Fluke	Non Contact voltage Detector		1		
5.1.34	Sony	High Quality Video Camera		1		
BASIC SUB TOTAL						
EXCISE DUTY in %						
VAT in %						
GRAND TOTAL						

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