HMT (INTERNATIONAL) LIMITED

A Govt. of India Undertaking

(OPEN TENDER)

BID DOCUMENTS

FOR SUPPLY, INSTALLATION & COMMISSIONING, TRIAL
for
Setting up of "Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba,South Africa

LOT	ITEM
LOT - 1	Equipment for Video Conferencing Facility
LOT - 2	Computer Items for Common Facility Workshop
LOT - 3	Machines and Equipment for Carpentary Trade
LOT - 4	Profile Cutter
LOT - 5	Machines and Equipment for Plumbing Trade
LOT - 6	Pedestal Drilling Machine ,Pedestal Grinding Machine &Power Hacksaw
LOT - 7	Material Handling and other Equipment for Common Facility Workshop
LOT - 8	Tools for Refrigeration & Air Conditioning
LOT - 9	Set of Tools and Consumables for Millwright
LOT - 10	Set of Work Holding Devices & Other Tools
LOT - 11	Machines and Equipment to Boiler Maker
LOT - 12	Miscellaneous Items for Common Facility Workshop

TENDER NO: HMTI/PROJ/GMCOS/SA/003/2026 Dated 15.10.2026

CLOSING ON: 05.11.2026, TIME 11.00 HRS

TECHNICAL BID OPENING ON: 05.11.2026, TIME 11.30 HRS

PLACE: HMT(I) Board Room, HMT Bhavan,No.59, Bellary Road, Bangalore.

The Tender fee is nil and the Bidders shall submit Earnest Money Deposit as per Section I Clause 3.2 along with Technical bids in Envelope-I. However, the MSE bidders (OEM / Service provider) registered with NSIC/MSME will be exempted from payment of EMD on submission of Valid Registration Certificate. EMD in the form of Cheque/Bank Guarantee is not allowed**.**

ATTENTION

1. Only sealed Tenders shall be entertained. All joints of envelope should be sealed with wax with individual design stamped on it or with cello tape to ensure it is tamper proof.
2. Do not use window envelope.
3. Technical Bid and Commercial Bid to be put in a separate cover super-scribing Tender Ref. No., Date, Submission date, Lot number and Bidder address on the top of envelope. **In case, the Bidder quotes for more than one lot, offers for each Lot to be submitted separately. Do not combine multiple Lots together.**
4. The Bidder may depute their authorized representative to witness the tender opening for both Technical and Commercial Bids.
5. **For Lots – 2 & 4, if the bidder is not Manufacturer, Bidders must submit Authorization letter from Manufacturer as per Annexure 7 or else their bids will be rejected.**

HMT Bhavan, No.59, Bellary Road, Bangalore 560 032
Tel: 91- 80 - 2333 9060, Fax: 91- 80- 2333 9048
Web Site: www.hmti.com, E-mail: projects@hmti.co.in

INDEX

SECTION I : INVITATION FOR BIDS(IFB)

1. Invitation
2. Contact Information
3. Two Bid System
4. Date of Submission and opening of Technical Bid

SECTION II: INSTRUCTIONS TO BIDDERS (ITB)

1. Definitions and Interpretation
2. Compliance of Requirements
3. Place of Delivery of Supplies
4. Criteria for pre qualification of Bidder
5. Cost of Bid documents
6. Earnest Money / Bid Guarantee
7. Period of Validity of Bids
8. Deadlines for submission of bids
9. Opening and Evaluation of Bids
10. Comparison of Bids
11. Award Criteria
12. HMT(I) right to amend scope of work
13. Corrupt & fraudulent practices
14. Interpretation of the clauses in the tender document
15. General

SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)

1. Execution
2. Colour
3. Electricals
4. Delivery period for supplies
5. Inspection and Acceptance
6. Re-Inspection
7. Packing
8. Port of Shipment and Discharge
9. Freight & Insurance
10. Consignee
11. Invoice to
12. Price
13. Payment Terms for supplies
14. Penalty for Delayed Supplies and Services
15. Clearance for Despatch
16. Name & Address of the Shipping Agent
17. Technical Documents
18. Bought Outs
19. Rejection & Risk
20. Performance Bank guarantee
21. International Warranty
22. Erection & Commissioning
23. Arbitration
24. Jurisdiction
25. Force Majeure

SECTION IV: SCHEDULE OF REQUIRMENTS / SCOPE OF SUPPLY (SR)

SECTION V: COMMERCIAL

Annexure – 1 Price Schedule
Annexure – 2 Proforma for statement of deviations from Tender conditions
Annexure – 3 Proforma for Commercial details & previous experience
Annexure – 4 Proforma for Performance Bank Guarantee
Annexure – 5 Proforma for Vendor Registration
Annexure – 6 Quality and Packing details
Annexure – 7 Proforma for Manufacturer Authorization Form

SECTION I: INVITATION FOR BIDS (IFB)

HMT (International) Ltd, [**HMT (I)**] Bangalore invites sealed bids from eligible Indian bidders for supply, installation & commissioning, Trial of following items for the Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa. under the assistance from Government of India as per Schedule of Requirements / Scope of Supplies (SR) – (Section IV)

LOT	ITEM
LOT - 1	Equipment for Video Conferencing Facility
LOT - 2	Computer Items for Common Facility Workshop
LOT - 3	Machines and Equipment for Carpentary Trade
LOT - 4	Profile Cutter
LOT - 5	Machines and Equipment for Plumbing Trade
LOT - 6	Pedestal Drilling Machine ,Pedestal Grinding Machine &Power Hacksaw
LOT - 7	Material Handling and other Equipment for Common Facility Workshop
LOT - 8	Tools for Refrigeration & Air Conditioning
LOT - 9	Set of Tools and Consumables for Millwright
LOT - 10	Set of Work Holding Devices & Other Tools
LOT - 11	Machines and Equipment to Boiler Maker
LOT - 12	Miscellaneous Items for Common Facility Workshop

1. HMT(I) invites sealed bids from eligible bidders for the Supplies as above with details listed in Section IV.
   For Lots – 2 & 4, if the bidder is not Manufacturer, Bidders must submit Authorization letter from Manufacturer as per Annexure 7 or else their bids will be rejected.

   Bidders shall participate for any number of lots but Part bidding within the lot is not allowed.

   In case, the Bidder quotes for more than one lot, offers for each Lot to be submitted separately. Do not combine multiple Lots together.

2. **Contact information**
   The Deputy General Manager
   HMT (International) Limited,
   59, Bellary Road,
   Bangalore-560032, INDIA
   Tel No.: 080- 23339060
   E-mail: projects@hmti.co.in

3. **Two bid System**
   The two-bid system will be followed. The bidder must submit his offer in two separate sealed envelopes as explained below:

   Envelope I: "Technical bid":

   NO PRICE SHOULD BE INDICATED ANYWHERE IN THE TECHNICAL BID. IN CASE IT IS FOUND THE OFFER SHALL BE SUMMARILY REJECTED.

   The sealed envelope shall be clearly marked **"Part I - Technical bid",** indicating Tender No., Lot Number, Closing Date & Time, and bidder address duly filled (separately for each Lot).
   The envelope-I should be duly sealed on all joints with wax with an individual design stamped in it or tamperproof sealing using cello tape.

   This part shall include / indicate the following:

1. The Bidder shall provide requisite documentary evidence for pre-qualification criteria as stated below, **failing which, the Bids may result in rejection:**

   - Bidder's Average minimum Turnover / annum for past 3 years (i.e. FY 2022-23, 2023-24 & 2024-25) shall be at least as mentioned below against each Lot.

LOT	Average Turnover in Rs.	Average Turnover in Rs.
LOT - 1	1,78,26,864	Rupees One Crore Seventy-Eight Lakh Twenty-Six Thousand Eight Hundred Sixty-Four Only.
LOT - 2	1,25,09,400	Rupees One Crore Twenty-Five Lakh Nine Thousand Four Hundred Only.
LOT - 3	1,13,28,450	Rupees One Crore Thirteen Lakh Twenty-Eight Thousand Four Hundred Fifty Only.
LOT - 4	40,00,000	Rupees Forty Lakh Only.
LOT - 5	1,10,05,842	Rupees One Crore Ten Lakh Five Thousand Eight Hundred FortyTwo Only.
LOT - 6	60,00,000	Rupees Sixty Lakh Only.
LOT - 7	20,00,000	Rupees Twenty Lakh Only.
LOT - 8	10,00,000	Rupees Ten Lakh Only.
LOT - 9	60,00,000	Rupees Sixty Lakh Only.
LOT - 10	10,00,000	Rupees Ten Lakh Only.
LOT - 11	40,00,000	Rupees Forty Lakh Only.
LOT - 12	20,00,000	Rupees Twenty Lakh Only.

   - The Bidder shall quote for all the Lots or any of the lots mentioned under Scope of Supply. However, part bidding within the lots is not allowed.

   - Bidder must have minimum 3 years past experience in supply of similar items specified in the Scope of Supply in the last 5 years. Attach Purchase Order copies for each year. If bidder is not Manufacturer, bidder can submit minimum 3 years past experience of supply of similar items of the manufacturer as documentary evidence.

   - Bidder should submit satisfactory certificate from at least 2 reputed clients to whom similar nature of supplies has been rendered in the last 5 years. If bidder is not Manufacturer, bidder can submit satisfactory certificate from 2 reputed clients of manufacturer as documentary evidence.

2. *The Bidder shall submit Earnest Money Deposit as indicated below against each lot in the form of Demand Draft / Digital Transfer drawn in favour of HMT (International) Limited payable at Bangalore in separate envelops for each lot in the Technical Bid.*

LOT	EMD in Rs.	EMD in Rs.
LOT - 1	1,18,846	Rupees One Lakh Eighteen Thousand Eight Hundred Forty-Six Only.
LOT - 2	83,396	Rupees Eighty-Three Thousand Three Hundred Ninety-Six Only.
LOT - 3	75,523	Rupees Seventy-Five Thousand Five Hundred Twenty-Three Only.
LOT - 4	25,800	Rupees Twenty-Five Thousand Eight Hundred Only.
LOT - 5	73,372	Rupees Seventy-Three Thousand Three Hundred Seventy-Two Only.
LOT - 6	39,104	Rupees Thirty-Nine Thousand One Hundred Four Only.
LOT - 7	19,828	Rupees Nineteen Thousand Eight Hundred Twenty-Eight Only.
LOT - 8	7,292	Rupees Seven Thousand Two Hundred Ninety-Two Only.
LOT - 9	34,780	Rupees Thirty-Four Thousand Seven Hundred Eighty Only.

LOT	EMD in Rs.	EMD in Rs.
LOT - 10	8,592	Rupees Eight Thousand Five Hundred Ninety-Two Only.
LOT - 11	23,800	Rupees Twenty-Three Thousand Eight Hundred Only.
LOT - 12	13,260	Rupees Thirteen Thousand Two Hundred Sixty Only.

- In case, the Bidder quotes for more than one lot, *the Earnest Money Deposit* shall be sum of the value given against each lots.

- **However, the MSE bidders (OEM / Service provider) registered bidders registered with NSIC/MSME will be exempted from payment of EMD on submission of Valid Registration Certificate.**

- The Bidder shall quote for all the Lots or any lots mentioned under Scope of Supply. However, part bidding within the lots is not allowed.

3. The bidder must be a manufacturer or dealer or HMTI vendor.

4. Technical bids without EMD will be rejected. **However, the MSE bidders (OEM / Service provider) registered bidders registered with NSIC/MSME will be exempted from payment of EMD on submission of Valid Registration Certificate.**

5. Duly filled Technical bid for each Lot separately with proper seal and signature of the authorized person on each page of the bid submitted.

6. Complete Scope of Supplies with all necessary details and acceptance of commercial terms and conditions.

7. Make / Model for each of the item to be specified and the Catalogues to be enclosed.

8. Bids shall be valid for a minimum period of 90 (ninety) days from the last date of submission.

9. Furnish acceptance for providing Performance Bank Guarantee for 5% of the contract value in the event of tender being awarded.

10. Point-wise details for the services/requirements/details required in the bid documents shall be furnished. If there are any deviations, the same should be clearly specified in Annexure-2 of Section-V.

11. Self attested copy of GST registration certificate as applicable.

12. List of customers both domestic & overseas to whom similar supplies have been provided in the past 5 years in the prescribed format Section-V, Annexure-3.

13. Satisfactory certificate from at least 2 reputed client to whom similar nature of supplies has been rendered.

14. Vendor Registration form – Section – V, Annexure – 5 duly filled {Only for New Vendors of HMT(I)}.

15. Copy of ISO-9000 Certificate, if applicable.

16. Payment Terms. As per clause 13 in Section-III.

17. A copy of “Un-Priced Section – V, Annexure–1” i.e., a copy of the Price Schedule **without the price details**.

In case of vendors opting for Digital transfer of EMD, A/c details of HMT(International) Ltd is as detailed below:

Bank	State Bank Of India,
Account No	33120672518
Branch	Overseas Branch (06861),
Branch Address	Commercial Clients Group,LHO Compound, # 65, St. Mark's Road, Bengaluru - 560001.
IFSC Code	SBIN0006861
Swift code	SBININBB112
MICR Code	560002056

Envelope II: "COMMERCIAL BID":
This sealed envelope shall contain price details. This envelope shall be clearly marked **"Part II - Commercial Bid",** indicating Tender No., Closing Date & Time, Lot Number and bidder address duly filled.

The Envelope – II should be duly sealed on all joints with wax with an individual design stamped on it or tamperproof sealing using cello tape.

- Prices should be offered in **Indian Rupees only**. Should furnish break up of price as required in Section V; Annexure–I. The prices quoted shall be for **F.O.R Nhava Sheva port** and considered firm and not subject to any change.

- All prices & other information like discount etc., having a bearing on the prices shall be written both in figures & words in the prescribed offer form. In the event of difference, the price in words shall be valid and binding. **If any GST is applicable, the same should be indicated separately.**

- The terms of payment for supplies will be as indicated under clause 13 in Section-III – Terms and conditions of the Contract. The bidder must accept the payment terms.

- The bidder should quote their lowest possible price.

- HMT(I) shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated Commercial Bid (L1) on lot wise.

4. **Date of submission of bids and opening of the Technical bid:**

Both the envelopes (Part I & II) Lot-wise shall be put in one cover, duly sealed on all joints with wax with an individual design stamped on it, or put cello tape to ensure it is tamper proof and super scribing Tender No., closing date & time, opening date & time, Lot number and Bidder address.

The envelopes which are not sealed will be rejected straightaway/summarily.

The sealed bids should be dropped in the tender box provided in the HMT(I) office and ensure delivery **on or before 1100 hrs (IST) on the closing date**. Late offers will not be considered.

Last date for submission of bids: 05th November, 2026 up to 11.00 hrs. Technical bids will be opened on 05th November, 2026 at 11.30 hrs in the Board room of HMT(I) office, Bangalore.

END OF SECTION I

SECTION II- INSTRUCTIONS TO BIDDERS (ITB)

1 Definitions and Interpretation

The **"HMT(I)" / "BUYER"** means: HMT(International) Limited, No.59, Bellary Road, Bangalore-560 032.

The **"Supplier"** means any firm/institute/company to whom the contract is awarded.

"SITE" means Majuba TVET College, Majuba West campus, Majuba, South Africa where the supplies are required to be supplied.

"PROJECT" means Setting up of "Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.

2 Compliance of Requirements

2.1 The supplies offered should be in accordance with the stipulated requirements in the "Scope of Supply". The bidder shall indicate his compliance or non-compliance against each of the requirements.

3 Place of Delivery of supplies: All supplies are to be delivered to HMT(I)'s shipping agent at Nhava Sheva Mumbai Port as per the instructions given by HMT(I) at the time of dispatch.

4 Criteria for prequalification of Bidder

The Bidder shall satisfy the following prequalification criteria:

The Bidder shall provide satisfactory documentary evidence acceptable to HMT(I) to show that:

4.1 The Bidder's Average minimum Turnover / annum for past 3 years (i.e. FY 2022-23, 2023-24 & 2024-25) shall be at least as mentioned below against each Lot. The Bidders shall furnish documentary evidence such as CA certificate / audited accounts.

LOT	Average Turnover in Rs.	Average Turnover in Rs.
LOT - 1	1,78,26,864	Rupees One Crore Seventy-Eight Lakh Twenty-Six Thousand Eight Hundred Sixty-Four Only.
LOT - 2	1,25,09,400	Rupees One Crore Twenty-Five Lakh Nine Thousand Four Hundred Only.
LOT - 3	1,13,28,450	Rupees One Crore Thirteen Lakh Twenty-Eight Thousand Four Hundred Fifty Only.
LOT - 4	40,00,000	Rupees Forty Lakh Only.
LOT - 5	1,10,05,842	Rupees One Crore Ten Lakh Five Thousand Eight Hundred Forty Two Only.
LOT - 6	60,00,000	Rupees Sixty Lakh Only.
LOT - 7	20,00,000	Rupees Twenty Lakh Only.
LOT - 8	10,00,000	Rupees Ten Lakh Only.
LOT - 9	60,00,000	Rupees Sixty Lakh Only.
LOT - 10	10,00,000	Rupees Ten Lakh Only.
LOT - 11	40,00,000	Rupees Forty Lakh Only.
LOT - 12	20,00,000	Rupees Twenty Lakh Only.

4.2 Bidder must have minimum **3 years past experience** in supply of similar items specified in the Scope of Supply in the last 5 years. Attach Purchase Order copies for each year. If bidder is not Manufacturer, bidder can submit minimum 3 years past experience of supply of similar items of the manufacturer as documentary evidence.

4.3 Bidder should submit **satisfactory certificate from at least 2 reputed clients** to whom similar nature of supplies has been rendered in the last 5 years. If bidder is not Manufacturer, bidder can submit satisfactory certificate from 2 reputed clients of manufacturer as documentary evidence.

4.4 **Bidder who does not submit the above required information along with documentary evidence at the time of bidding; their bid will be rejected.**

SECTION II- INSTRUCTIONS TO BIDDERS (ITB)

5 Earnest Money Deposit

5.1 Earnest Money Deposit for amount as stipulated below shall accompany Technical bid documents of tender.

LOT	EMD in Rs.	EMD in Rs.
LOT - 1	1,18,846	Rupees One Lakh Eighteen Thousand Eight Hundred Forty-Six Only.
LOT - 2	83,396	Rupees Eighty-Three Thousand Three Hundred Ninety-Six Only.
LOT - 3	75,523	Rupees Seventy-Five Thousand Five Hundred Twenty-Three Only.
LOT - 4	25,800	Rupees Twenty-Five Thousand Eight Hundred Only.
LOT - 5	73,372	Rupees Seventy-Three Thousand Three Hundred Seventy-Two Only.
LOT - 6	39,104	Rupees Thirty-Nine Thousand One Hundred Four Only.
LOT - 7	19,828	Rupees Nineteen Thousand Eight Hundred Twenty-Eight Only.
LOT - 8	7,292	Rupees Seven Thousand Two Hundred Ninety-Two Only.
LOT - 9	34,780	Rupees Thirty-Four Thousand Seven Hundred Eighty Only.
LOT - 10	8,592	Rupees Eight Thousand Five Hundred Ninety-Two Only.
LOT - 11	23,800	Rupees Twenty-Three Thousand Eight Hundred Only.
LOT - 12	13,260	Rupees Thirteen Thousand Two Hundred Sixty Only.

The Earnest Money Deposit shall be in a crossed Bank Draft/Digital Transfer in favour of HMT (International) Ltd, Payable at Bangalore.

In case, the Bidder quotes for more than one lot, the copy of the documentary proof shall be kept along with the Technical Bid documents in Envelope –I for each lots separately. <u>However,</u> the MSE bidders (OEM / Service provider) registered bidders registered with NSIC/MSME will be exempted from payment of EMD on submission of Valid Registration Certificate.

For Digital transfer of EMD, A/c details of HMT(International) Ltd is as detailed below:

Bank	State Bank Of India,
Account No	33120672518
Branch	Overseas Branch (06861),
Branch Address	Commercial Clients Group, LHO Compound, # 65, St. Mark's Road, Bengaluru - 560001.
IFSC Code	SBIN0006861
Swift code	SBININBB112
MICR Code	560002056

5.2 The Earnest Money Deposit shall remain deposited with the HMT(I) for the period of 90 (ninety) days from the date of opening of tenders. If the validity of the offer is extended, the EMD shall remain with HMT(I).

5.3 No interest will be payable by the HMT(I) on the Earnest Money Deposit.

5.4 The Earnest Money deposited is liable to be forfeited if the bidder withdraw or amends, impairs or derogates from the tender in any respect within the validity of his offer.

5.5 The Earnest Money Deposit of the successful bidder will be returned **after the P.O. is released on successful Bidder and duly accepted and submission of Performance Guarantee.**

5.6 If the successful Bidder fails to furnish a contract performance guarantee, then the earnest money shall be liable to be forfeited.

5.7 The Earnest Money Deposit of all unsuccessful Bidders will be returned to the bidder by HMT(I) after finalization of contract with the successful bidder. **Bidder to furnish bank account details along with Technical Bid for the same.**

5.8 If Earnest Money for amount as stipulated in clause 5.1 is not enclosed in the Technical documents in Envelope –I, the bid will be rejected.

SECTION II- INSTRUCTIONS TO BIDDERS (ITB)	
6	**Period of validity of bids**
6.1	Bids shall be valid for a minimum period of 90 days from the last date of submission.
6.2	HMT(I) may ask for the bidder's consent to extend the period of validity. Such request and the response shall be made in writing only. A bidder agreeing to the request for extension will not be permitted to modify his bid. The technical clarifications, if any, shall be furnished by Bidder within the said date and time.
7	**Deadlines for submission of bids** Bids must be received by HMT(I) before the due date and time at the address specified in the tender document. In the event of the specified date for the submission of bids being declared as a holiday for HMT(I), the bid-closing deadline will stand extended to the next working day up to the same time.
7.1	HMT(I) may extend this deadline for submission of bids by amending the bid documents and same shall be suitably notified in HMT(I) website: www.hmti.com
7.2	Any bid received by HMT(I) after the deadline for submission of bids, will not be accepted and returned unopened to the bidder.
8	**Opening of Commercial bids by HMT(I)**
8.1	The Technical Bids will be evaluated to shortlist the eligible bidders.
8.2	Bidder whose Technical Bid is found to be acceptable and meeting the eligibility requirements as specified in "Clause 4" will be informed about the date and time of the opening of the Commercial Bid.
8.3	HMT(I) will open Commercial Bids of only the technically accepted and short listed bids, in the presence of the bidder or their authorized representative who choose to attend the bid opening, at the time and date to be informed later.
8.4	The bidder's authorized representative who attends the bid opening shall sign an attendance register as a proof of having attended the bid opening.
8.5	The bidder's name, bid prices, discounts and such other details considered as appropriate by HMT(I), will be announced at the time of opening of the Commercial Bids.
9	**Comparison of Bids** Bids received against the tender will be evaluated by the Technical Evaluation Committee (TEC) for technical suitability and will be shortlisted.
9.1	Short listed Technical bids shall be considered for commercial evaluation and Commercial Bid opening.
10	**Award Criteria**
10.1	HMT(I) shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated Commercial Bid on lot wise.
10.2	Should the amount put in words differs from the amount put in figures, or if there is an arithmetical error, the lesser amount shall be taken unless the difference is attributable to an obvious error, whereupon the correct amount shall be taken.
10.3	If more than one bidders quotes same lowest price, HMT(I) reserves the right to award the contract at its own discretion.
10.4	HMT(I) reserves the right to increase or decrease the quantum of supplies offered by the successful bidder at the rates & other terms and conditions offered by them. The Bidder is bound to accept the increase or decrease in the quantum of supplies during awarding the contract.
11	**HMT(I)'s Right to amend Scope of Supplies**
11.1	HMT(I) reserves the right to accept or reject any or all bids without assigning any reason whatsoever.
11.2	HMT(I) reserves the right to increase or decrease the scope of supplies indicated in the bid documents after the award of the tender and payment shall be made on pro-rata basis.
11.3	HMT(I) reserves the right to cancel/short close/extend the order at any given point of time due to Force Majeure or directions from the Governments of India or South Africa.
11.4	HMT(I) reserves the right to cancel / short close the order due to non-satisfactory performance by any of the service / supply offered. Cost / damages arising out of such cancellation / short closure shall have to be borne by the bidder
11.5	Buyer shall recall any of the experts deputed to the project site on non-compliance to the rule of the land or guidelines laid down by Govt. of India / Govt. of South Africa / HMT(I) or any act that does not

SECTION II- INSTRUCTIONS TO BIDDERS (ITB)	
	correspond to ethical behavior. Cost / damages arising in such an event shall be borne by the bidder and shall forthwith send suitable replacement.
12	**Corrupt or Fraudulent Practices.**
12.1	HMT(I) requires that the bidders who wish to bid for this project have highest standards of ethics.
12.2	HMT(I) will reject a bid if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices while competing for this contract;
12.3	HMT(I) may declare a vendor ineligible, either indefinitely or for a short period, if HMT(I) is aware that the vendor has engaged in corrupt and fraudulent practice during the execution of the contract.
13	Interpretation of the clauses in the Tender Document / Contract Document In case of any ambiguity / dispute in the interpretation of any of the clauses in this Tender Document, HMT(I)'s interpretation of the clauses shall be final and binding on all parties.
14	**General**
14.1	All offers shall be either Computer prints or hand written neatly in indelible ink. Tenders shall be free from CORRECTION AND ERASURES, and Corrections if any, must be attested. Each page of the offer must be numbered consecutively, should bear the tender number and should be signed by the Bidder at the bottom. A reference to the total number of pages comprising offer must be made at the top right hand corner of the first page.
14.2	The Bidders must ensure that the conditions laid down for submission of offers detailed in the preceding paras, are completely and correctly fulfilled.
14.3	The submission of any offer connected with these supplies and documents shall constitute an agreement that the Bidder shall have no cause of action or claim, against HMT(I) for rejecting the offer. HMT(I) shall always be at liberty to reject or accept any offer or offers at its sole discretion.
14.4	Offers shall be deemed to be under consideration immediately after they are opened and until such time the official intimation of award of contract is made by HMT(I) to the Bidder. While the offers are under consideration, Bidders and or their representatives or other interested parties are advised to refrain from contacting HMT(I) by any means. If necessary, HMT(I) will obtain clarifications on the offers by requesting for such information from any or all the Bidders, only in writing. Bidders will not be permitted to change the contents of their offers after the offers have been opened.
14.5	In case OEM and authorized dealers / distributors participate in the same lot, only OEM offer will be considered.
14.6	Any individual(s) signing the tender and related documents should be a competent authorized person or original copy of power of authorization issued by the competent authority should accompany the tender.
14.7	The specifications / standards mentioned in tender are minimum requirement however bidder can quote same or better specifications / standards
14.8	Offers shall be as per the Instructions to Bidders and Terms & Conditions of contract given in bid documents. However the Bidder shall indicate his acceptance or otherwise against each of clause and sub clauses of the Instruction to Bidders and Terms & Condition of contract. For this purpose, the Bidder shall enclose a separate statement as per format Section-V(2) indicating only the deviations from any clause or sub clause of the Instructions to Bidders and Terms & Conditions of contract which Bidder proposes with justification for each deviation. The HMT(I), however reserves the right to accept or reject these deviations and decision there on shall be final and binding.
14.9	Bids shall be complete in all respects accompanied by detailed literature, brochures with all necessary details in ENGLISH or otherwise, the bids will not be considered.
14.10	The bidder should stamp and sign all the pages of Tender document as a proof of acceptance to all the Terms and conditions mentioned in the tender.
	End of SECTION-II

	SECTION III: SPECIAL CONDITIONS OF CONTRACT (SCC)
1	Execution: Metric System
2	Colour: As specified in the Technical Specifications.
3	Electricals: Main supply: **380/400V, 3 Ph, 50Hz AC or 220/230 V, 1 Ph, 50Hz AC Supply**
4	Delivery period for supplies: F.O.R Nhava Sheva Mumbai Port **within 16 weeks** from the date of purchase order. Delivery is the essence of the Contract. If there is delay penalty as per clause 14 is applicable.
5	Inspection and Acceptance: The supplies will be inspected by HMT(I) as decided by HMT(I). If any of the item is found defective, HMT(I) reserves right to procure the substitute for the defective items from elsewhere at the risk and cost of the supplier and recover from the supplier the extra expenditure, if any incurred by HMT(I). Consignment shall be dispatched only after getting acceptance letter from HMT(I). The supplies will be inspected by HMT(I) by deputing HMT(I)'s quality assurance personnel to the vendor's worksite. At least 2 weeks prior intimation regarding readiness of supplies, in all respects must be furnished to HMT(I) for inspection by HMT(I) Quality Assurance Department or by its authorized representative. All equipment including packing cases must be offered for inspection. HMT(I) reserves right to inspect the items by HMT(I) and customer representative at supplier's works.
6	Re-Inspection: HMT(I) reserves the right to re-inspect the supplies, only in cases where the HMT(I) Inspection Engineers recommend for such cases after completion of modifications suggested during the inspection. All costs towards re-inspection will have to be borne by the vendor.
7	Packing: All Supplies shall be packed in wooden cases (as per international standard) suitable for road transport. Packing cases must have case-wise detailed packing list to be put inside the cases. Also, 3 copies of case wise packing list to be sent to HMT(I) immediately after packing. All loose items to be tagged with Sl. No. as per PO. Packing to be made in the presence of HMT(I) inspection engineers. All the cost towards packing and forwarding will be borne by the supplier. i). All Supplies shall be packed in wooden cases suitable. Fumigation has to be done by the Supplier before dispatch and fumigation certificate is mandatory. ii). Machine / Equipment should be firmly fixed to the base of packing case to prevent jerking or local movement. Machine, accessories and spares are to be covered by thick silpaulin / or 1 mm thick aluminum -polythene sheets and all openings are to be sealed and vacuumised (wherever possible). All external bright/machined surfaces should be protected with coating of OKS-CORTEC VCI 369 N Rust preventive whose shelf life is not less than one year. iii). Packing list with respect to each case to be prepared and given to HMT(I) along with other documents. Delivery Voucher should clearly indicate packing case dimension with net and Gross weight and case number is there are more than one case. iv). Photographs before and after packing to be taken and sent to HMT(I).Handling of packing cases to be shown on cases. v). 3 copies of casewise packing list to be sent to HMT(I) immediately after packing. All loose items to be tagged with Sl. As per PO. vi).
8	Port of Shipment and Discharge: Nhava Sheva Mumbai Port and Durban port, South Africa.
9	Freight & Insurance: Supplier to dispatch the goods on Freight Prepaid – Door Delivery basis to HMT(I) shipping agent at Nhava Sheva Mumbai Port of shipment. Transit insurance to be arranged by supplier. Supplier to inform HMT(I), details like Lorry receipt No., No. of Packing cases, Gross Weight, Net Weight etc., immediately after dispatch from works.

	HMT(I) shall have the right to hold up the dispatch for want of any clearance from the customer. The consignment shall be shipped through a reputed Transporters in a direct separate truck to reach HMT(I)'s shipping agent without any trans-shipment.
10	Consignee: Consignee will be intimated later
11	Invoice to: HMT (International) Limited, 59, Bellary Road, Bangalore – 560 032, India. GST No. 29AAACH8197C1ZD. A/c. GMCOS, Majuba, South Africa.
12	Price: The price shall be F.O.R Nhava Sheva Mumbai Port and considered firm and no escalation will be permitted.
13	**Payment Terms for supplies:** 1. a) 80% payment for supplies shall be payable on 60th day from the date of delivery to our shipping agent at Nhava Sheva Mumbai Port for non-MSME Vendors. b) 80% payment for supplies shall be payable on 45th day from the date of delivery to our shipping agent at Nhava Sheva Mumbai Port for MSME Vendors. 2. Balance 20% payment for supplies shall be paid through RTGS/NEFT after successful Installation and Commissioning / handing over of all the items on physical verification of equipment / material at project site.
14	Penalty for delayed Supply and Services: HMT(I) reserves the right to levy penalty @ 0.5 percent of order value per week of delay beyond the scheduled deliveries / execution of the contract successfully, subject to maximum of 10% of the contract value. HMT(I) reserves the right to cancel the contract in case the delay is more than 20 weeks. The penalties, if any shall be recovered by invoking the Performance Bank Guarantee or withholding the amount out of the payments due.
15	Clearance for Despatch: Equipment shall be dispatched only after getting acceptance letter from HMT(I). Such clearance shall be furnished only after receipt of a certificate from Supplier stating that the snags, if any, pointed out by HMT(I) Engineer/Customer's representative have been duly attended to. HMT(I) shall have the right to hold up the dispatch for want of any clearance from the customer. The consignment shall be shipped through a reputed Transporters in a direct truck to reach HMT(I)'s shipping agent without any transshipment.
16	Name & Address of the Shipping Agent: Will be informed at the time of dispatch clearance by HMT(I).
17	Technical Documents: Supplier to forward the detailed drawings of the all machines / equipment in 3 sets, indicating details about civil work required, Electrical, Pneumatic, Water connection points etc., immediately on receipt of Purchase Order. Instruction / Operating Systems / Spare Parts Manual and other relevant documents pertaining to the Equipment must be in English and should be supplied in (3) three sets as follows : ○ 2 Sets of Manuals along with the machine / equipment ○ 1 set Manual to HMT(I), Bangalore ○ 1 Set of Calibration certificate ○ Two copies of Electrical wiring drawings (along with the machine / equipment) ○ Instructions for commissioning (One copy along with the machine / equipment) and one copy to HMT(I) ○ Final Test & Inspection Report (along with the machine / equipment)
18	Bought Outs: All the bought-out items such as bearings, belts, electricals, motors, contactors, switches etc., shall correspond to ISI / International Specifications and shall be of reputed make like, SKF, FENNER, SIEMENS & TELEMECHANIC etc.

19	Rejection & Risk: If, HMT(I) finds that the materials supplied are not of correct quality or not according to the specifications as indicated in the bid offer, then HMT(I) will be entitled to reject the machine/equipment without any cost obligation on HMT(I).
20	Performance Bank Guarantee (PBG): The successful bidder will be required to furnish Performance Bank Guarantee (PBG) @ 5% of the total Purchase order value, as per the format attached to this document (Refer Section – V; Annexure – 4). This bank guarantee shall remain valid for a period of 60 days beyond all contractual obligations. The PBG to be furnished by the supplier within 15 days from the date of Purchase Order.
21	International Warranty: The supplies shall be guaranteed against defects of material and workmanship for a period of 12 months from the date of commissioning or 15 months from the date of shipment. Until the expiry of the warranty period, the supplier is obliged to do repairs, modifications, setting right and adjustments considered necessary to guarantee the rated output and to replace any part of the machine / equipment found defective and necessitate replacement due to design, manufacture, and material defect during the warranty period at vendors cost at project site in South Africa.
22	Erection & Commissioning (LOTS – 1, 2, 3 & 4): ○ The supplier shall depute the required technical personnel for carrying out installation and providing training to the customer's personnel in operation & maintenance of items in LOTS at project site in South Africa. ○ HMT(I) shall arrange to provide, free furnished bachelor's accommodation, local transport and necessary assistance in getting VISA for the Technical Personnel deputed to site in South Africa. To & fro Airfare, Boarding expenses, Travel Insurance and incidental expenses to be borne by the supplier. ○ The supplier shall depute their personnel within 10 days from the date of intimation of readiness at project site in South Africa. ○ Necessary tools, fixtures, instruments, trail materials, consumables etc., for installation to be sent along with the items. ○ In case the technical personnel extended their period of stay beyond the stipulated/required/agreed time, the additional cost for their extended stay has to be borne by the supplier.
23	Arbitration: All disputes of any kind arising out of supply, acceptance, warranty maintenance etc., shall be referred after issuance of 30 days notice in writing clearly mentioning the nature of dispute to a single arbitrator to be appointed by HMT(I). The venue for arbitration shall be Bangalore.
24	Jurisdiction: The disputes, legal matters, court matters, if any shall be subject to Bangalore jurisdiction only.
25	Force Majeure: HMT(I) may consider relaxing the penalty and delivery requirements, as specified in this document, if and to the extent that, the delay in performance or other failure to perform its obligations under the Contract is the result of a Force Majeure. Force Majeure is defined as an event of effect that cannot reasonably be anticipated such as acts of God (like earthquakes, floods, storms etc.), acts of states, the direct and indirect consequences of wars (declared or undeclared), hostilities, national emergencies, civil commotion and strikes at successful Bidder's premises. Either party shall be excused from performance of their obligation during or to the extent that performance is prevented by the occurrence of unforeseen causes beyond the control of and without the negligence of the party claiming excuse. Such causes shall include, without limitation, strike, go slow , other concerted acts of workmen, lockout, Act of God, war, fire, explosion, action of elements, flood, epidemic, COVID, riot, sabotage, embargo, blockade, civil disturbance and Governmental restrictions or limitations etc. The party claiming excuse shall give immediate written notice thereof to the other, in any case not later

	that 15 (fifteen) days, following the occurrence of such event. If performance is held for a continuous period of more than 3 (three) months from the date of first notice, then the parties shall review the situation and agree upon any course of action so as to protect the interest of both.
	End of Section III

SECTION – IV: SCHEDULE OF REQUIREMENTS / SCOPE OF SUPPLIES (SR)

Schedule of Requirements / Scope of Supplies is as detailed below

LOT –1 EQUIPMENT FOR VIDEO CONFERENCING FACILITY

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
1	5/1	98 inch Interactive Display with Android 13.0, 8GB RAM, 128GB SSD		1
2	5/2	OPS: i5 12th Gen 8GB ROM , 512GB ROM with Windows		1
3	5/3	4K Speaker Tracking PTZ Fixed cameras in a classroom to support video conference of the lecturer and entire class		2
4	5/4	Unified Communication Speaker Phone		1
5	5/5	Unified Communication Speaker Microphone		4
6	5/6	HDMI to USB Capture Card for VC		1
7	5/7	Multi View with Streaming for VC		1
8	5/8	15 mtrs USB Male to Female Extender		2
9	5/9	HDMI CAT6 Extender		3
10	5/10	Handheld Microphone		1
11	5/11	Collar Microphone		1
12	5/12	Wall Speakers		3
13	5/13	Amplifier		1
14	5/14	Mixer		1
15	5/15	High-quality 4K recording with newly added features such as UVC (USB Video Class), 1/5.84cm (2.3in)-type CMOS sensor, optical zoom lens		1
16	5/16	Tripod Stand for Camera		1
17	5/17	Video and Web conferencing Cloud services - GoTo meeting for 100 Participants		1
18	5/18	Table		1
19	5/19	Chairs		15
20	5/20	Table for Printer		1
21	5/21	Wifi Equipment for 50 Devices - Includes Access Points, Router, Injector		1
22	5/22	Cables and Connectors		1
23	5/23	Laptops – i5 -133		15
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 2 COMPUTER ITEMS FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
1	1/96	Server		1
2	1/97	Networking hardware set		1 Set
3	1/98	Computer		10
4	1/99	UPS for Server		1
5	1/100	UPS for Computer		10
6	1/102	Software for designing & Drafting	Autocad/Pro-e - Preloaded	10
7	1/103	Inkjet Printer		1
8	5/24	Multifunctional printer		1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
9	5/25	Desktop		1
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 3 MACHINES AND EQUIPMENT FOR CARPENTARY TRADE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)",Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	4A/1	Claw Hammer		10
2	4A/2	Crosscut Saw		10
3	4A/3	Tenon Saw		5
4	4A/4	Wood Chisels (Set of 4)		10
5	4A/5	Mallet (Wooden)		10
6	4A/6	Jack Plane		10
7	4A/7	Try Square		10
8	4A/8	Marking Gauge		10
9	4A/9	Screwdrivers (Set)		10
10	4A/10	Files and Rasps (Set)		10
11	4A/11	C Clamp		10
12	4A/12	Cordless drill		5
13	4A/13	Jigsaw		2
14	4A/14	Circular Saw Portable		2
15	4A/15	Router		1
16	4A/16	Sander		2
17	4A/17	Angle Grinder		1
18	4A/18	Dust Collector / Vacuum		1
19	4A/19	CNC Router		1
20	4A/20	Lathe		1
21	4A/21	Combination Planer		1
22	4A/22	Bandsaw		1
23	4A/23	Circular Saw		1
24	4A/25	Compound Mitre Saw		2
25	4A/26	Table Saw		2
26	4A/27	Belt Sander Portable Pipe Polishing		2
27	4A/28	Portable Drum Sander		2
28	4A/29	Portable Planer		2
29	4A/30	Chain Saw		2
30	4A/31	Electric Stapler		2
31	4A/32	Electric Airless Paint Sprayer Gun		2

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)",Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
32	4A/33	Laser Distance Measurer		15
33	4A/34	Digital Angle finder		15
34	4A/35	60cm Spirit Level		15
35	4A/36	Measuring tape 5M		30
36	4A/38	Safety Goggles		30
37	4A/39	Dust Masks (Reusable)		30
38	4A/40	Ear Muffs/Plugs		30
39	4A/41	First Aid Kit		2
40	4A/42	Fire Extinguisher (ABC)		1
FOR DETAILS REFER ENCLOSURE - 1				

LOT –4 PROFILE CUTTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	3/22	Profile cutter		2
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 5 MACHINES AND EQUIPMENT FOR PLUMBING TRADE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	4B/1	Metal Tool Boxes with Learner Hand Tools		15
2	4B/2	Digging Tools	(Shovel& Spade 1 no each)	15
3	4B/3	Measuring Tapes	(10 m, 20m) and 1m steel rule	15
4	4B/4	Pipe Bender	Size 1/2 to 1 inch	15
5	4B/5	Metal Pipe Threading Machine	Size 1/2 to 2 inch	1
6	4B/6	Portable tri stand withh yoke pipe vice	Size 1/2 to 2 .5 inch	5
7	4B/7	Portable electric Pipe Threader	Size 1/2 to 1 inch	1
8	4B/8	Pipe Saw stainless steel pipe 165 mm		1
9	4B/9	Rachet type pipe threading	Weight –15.5 inch	5
10	4B/10	Ratchet pipe reamer	Size – 3/8 to 2 inch	10
11	4B/11	Pipe Vice		10
12	4B/12	Chain pipe wrench		10
13	4B/13	Rapid grip pipe wrench	Size – 10 inch	10
14	4B/14	Corner pipe wrench	Size – 10 inch	10

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
15	4B/15	Tube cutter	Size – 3 to 30 mm	10
16	4B/16	Pipe cutter	Size – 1⁄2 to2 inch	10
17	4B/17	Set of Pumps	Centrifugal Pump, Pressure Booster Pump, Submersible pump	2
18	4B/18	15mm Water Meter		2
19	4B/19	Impact Drill		5
20	4B/20	Rotary Hammer		2
21	4B/21	Angle Grinder		5
22	2A/38 & 4B/22	Bench Grinder		3
23	4B/23	Pillar Drilling Machine		1
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 6 PEDESTAL DRILLING MACHINE, PEDESTAL GRINDING MACHINE & POWER HACKSAW

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	3/39	Pedestal Drilling machine	40mm Gearbox type	2
2	1/84	Pedestal Grinding Machine	Grinding wheel 200 mm	2
3	1/85 & 3/42	Power Hacksaw	200 mm	2
4	2A/202	Hacksaw Blades		16
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 7 MATERIAL HANDLING AND OTHER EQUIPMENT FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Encl. Ref.**	**Item**	**Brief Specification**	**Qty**
1.	1/159	Pallet Roll	1 T	2
2	2B/161	Pallet Roll	2.5 T	2
3	1/160	Pallet Crane		1
4	1/143	Air compressor		1
5	1/130	Granite surface plate with stand	1mt x 1mt	2
6	1/156	Cast Iron angle plate with T slots	250x200x150mm	2
7	1/142	Hardness tester		1
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 8 TOOLS FOR REFRIGERATION & AIR CONDITIONING

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	2B/25	Wrench adjustable	Length 150 mm	4
2	2B/26	Pipe wrench	Size 50 & 150 mm	1
3	2B/27	Torque wrench	300 mm 12.7 mm square drive right and left hand	1
4	2B/29	Socket set reversible ratchet 12.7 mm square drive with extension 4.7 to 31.2 mm		3
5	2B/40	Screw driver plastic handle 6 mm tip length	100, 150 mm	20
6	2B/41	Philips screw driver	Complete set in leather case	2
7	2B/42	Screw driver plastic handle 3 mm tip length	100 and 150 mm insulated	2
8	2B/43	Plier combination insulated	Length 200 mm	2
9	2B/44	Pliers long nose	Length 200 mm	5
10	2B/45	Pliers flat nose	Length 150 mm	5
11	2B/46	Hammer ball pin	450 gms	5
12	2B/47	Hammer Nylon	300 gms	5
13	2B/48	Engineers rule	300 mm.	1
14	2B/49	Tape measuring 10 m graduation in mm		1
15	2B/50	Tape measuring 2 m graduation in mm		2
16	2B/51	Chisel flat	Length 150 mm	4
17	2B/52	Hack-saw tubular metal frame adjustable		4
18	2B/53	Scriber	150 mm length	4
19	2B/54	Divider spring joint	Length 150 mm	4
20	2B/55	Caliper spring joint outside	150 mm	4
21	2B/56	Caliper spring inside	150 mm	4
22	2B/57	Caliper odd leg spring joint	Length 150 mm	4
23	2B/58	Centre punch	Length 100mm	4
24	2B/59	Oil can pressure type	1 Liter	2
25	2B/60	File flat medium double cut	Length 150 mm	4
26	2B/61	File half round medium double cut	Length 200mm	4
27	2B/62	File half round fine double cut	Length 150mm	4
28	2B/63	File round fine double cut	Length 150 mm	4
29	2B/64	File flat fine double cut	Length 150 mm	4
30	2B/65	File square fine double cut	Length 150 mm	4
31	2B/66	Engineers square	200 mm long	2
32	2B/67	Soldering Iron exchangeable copper tip 65 watts		2
33	2B/70	Puller 3 legged with flexible arm 120		1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
		mm		
34	2B/71	Puller 2 legged with flexible arm 300 mm		1
35	2B/72	Hand blower portable		1
36	2B/73	Sprit level Precision	Metallic 200 mm	1
37	2B/74	Plumb weight	200 mm	1
38	2B/75	Snipper sheet metal straight nose	200 mm	1
39	2B/76	Tap set with matching drills	3 mm to 16 mm	1
40	2B/77	Tap set matching drills	1/4" to 5/8"	1
41	2B/78	Tap set matching drills	1/4" to 5/8" size	1
42	2B/79	Tap and die set	3 mm to 16 mm size	1
43	2B/83	Electrical drill portable with chuck and key capacity 6 mm.		2
44	2B/84	Oxy-Acetylene welding set complete with cylinders regulators welding torches with difference nozzles		1
45	2B/85	Gas cylinder truck two wheel type		1
46	2B/86	Line tester	500 volts heavy duty	4
47	2B/87	Tong tester	0-10-30 amps 0-500 volts (Clamp on Multimeter)	4
48	2B/88	Knife folded	Stainless steel 150 mm	4
49	2B/89	Voltmeter AC/ DC portable precision grade teak wood case leather belt 0 to 5 volt		7
50	2B/90	Ammeter AC/DC portable precision grade teak wood case leather belt 0t to 5 volt		5
51	2B/91	Ammeter AC/DC portable precision grade teak wood case leather belt 0 to 30 amp		5
52	2B/92	Megger	1000 Volt	1
53	2B/93	Varic in put 230 Volt output 400 volt amp. Portable complete with meters and controls		1
54	2B/94	Wattmeter multi range up to 1 KW		1
55	2B/95	Wattmeter multi range up to 5 KW		1
56	2B/96	Multimeter – Analog type		5
57	2B/97	Multimeter-Digital type		2
58	2B/98	Tachometer digital multi grade 0 to 3000 rpm portable small size in leather case		1
59	2B/99	Transistor tester		1
60	2B/100	RLC Bridge		1
61	2B/101	Stop Watch		1
62	2B/102	Filler gauge	0.05 mm-1 mm	1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
63	2B/103	Wire gauge metric and with worth		1
64	2A/74	Tacho meter with stop watch	Digital	3
FOR DETAILS REFER ENCLOSURE - 1				

LOT: 9 - SET OF TOOLS AND CONSUMABLES FOR MILLWRIGHT

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
1	2A/32	Cordless Drilling Machine (Rechargeable Battery Type)		5
2	2A/36	M.C.B.	16 Amps 2pole 250v, 16Amps 3pole 500v, Qty One each	1
3	2A/39	Rawl plug tool & bit	Of Nos 6, 8, 10, 12	8
4	2A/40	Pulley puller		2
5	2A/42	Thermometer	0 to 100 deg. centigrade	2
6	2A/43	Scissors blade	150 mm	2
7	2A/44	Crimping tool set	Bootlace, D-sub, heavy duty with 8mm square	8
8	2A/45	Wire stripper	125mm	8
9	2A/46	Try square	150 mm blade	8
10	2A/47	Outside caliper	150 mm	8
11	2A/48	Insider caliper	150 mm	8
12	2A/49	Divider	150 mm,	8
13	2A/50	Pliers nose- set	round & straight of sizes 150mm, 200mm	8
14	2A/51	Tweezers		8
15	2A/52	Snip Tin cutter	300mm	8
16	2A/53	Straight Shank Drill set	assorted sizes and shapes	8
17	2A/54	Wire Gauge		8
18	2A/55	Files	Assorted sizes and shapes	8
19	2A/56	Soldering iron - set	25 watt, 65 watt & 125 watt copper tip	8
20	2A/57	Desoldering gun		8
21	2A/58	Pipe cutter	25 mm, 50mm capacity	8
22	2A/59	Stock and die set	For 20 mm to 50 mm G.I. Pipe	2
23	2A/60	Plane Smoothing cutter	50mm size	2
24	2A/79	Relays - set	Over current, Under voltage, Over voltage, Leak current	1
25	2A/102	Pliers insulated	combination, side cutting, long nose 150mm	8
26	2A/103	Screw driver set	double end	8
27	2A/104	Centre punch	100 mm x 4 mm	8
28	2A/105	Knife Electrician		8
29	2A/106	Screw driver with Neon light tester	3.5 mm width x 100 mm length	8
30	2A/107	Scriber	150 mm x Ø 4mm	8
31	2A/108	Pincer	150 mm	8
32	2A/110	Electrician tool kit	Set consisting of assorted tools	5
33	2A/127	High speed drill set	1mm to 6 mm (11 pieces in each)	2
34	2A/128	Professional swing arm magnifying lamp for Electronic workshop	With multi position-G-clamp mounting bracket	4
35	2A/129	Socket set	09 Square drive sockets size 4.5 - 12	2

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
			mm, 8 " reversible handle, 3" extension bar	
36	2A/130	Electric hand drill machine with hammer action	230V, 50Hz, chuck, 600W capacity 01mm - 13 mm	2
37	2A/132	Neon Tester with insulated handle	Above 100 V	2
38	2A/153	Tap handle 200 mm	200mm long 4-12mm tap capacity	8
39	2A/197	Shim stock Roll	0.05, 0.1,.0.2,0.25, 0.3, 0.4, 0.45, 0.5, 0.55, 0.6, 0.7, 0.75, 0.8, 0.9, 1mm set of shims	16
40	2A/198	Set of screws, bolts, nuts and Washer		16
41	2A/199	Set of Drill Bits	straight shank, Counter-bore drill	16
42	2A/200	Set of Reamers	straight Reamer & Taper Reamer	16
43	2A/201	Set of Taps	M6, M8, M10, M12	16
44	2A/203	Ready bar (1000mm)	M8 - 2 nos ,M1O - 2 nos , M12 - 2 nos	6
45	2A/204	Cleaning rags per kg		16
46	2A/205	Copperslip (500g)	Copperslip (500g)	16
47	2A/206	Chalk sticks (box)	Chalk sticks (box)	16
48	2A/207	Pens - black ball point (box)	Pens - black ball point (box)	16
49	2A/208	Masking tape 25mm (roll)	Masking tape 25mm (roll)	16
50	2A/209	Gasket sealer (Tub)	Gasket sealer (Tub)	16
51	2A/210	Personal Protective Clothing		16
52	2A/211	Safety Gloves		16
53	2A/212	Safety Boots		16
54	2A/213	Safety Goggles		16
55	2A/214	Safety helmet		16
56	2A/215	Respirator / Dust Musk		16
FOR DETAILS REFER ENCLOSURE - 1				

LOT: 10 - SET OF WORK HOLDING DEVICES & OTHER TOOLS

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
1.	1/162	Set of work holding devices		1
2	1/62	Slot Drill 10 mm	10mm slot drill	8
3	1/127	Thread Plug & Ring Gauge Set		5
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 11 MACHINES AND EQUIPMENT TO BOILER MAKER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	3/38	Cut off machine		5

2	3/40	Grinder portable (Big)	Angle Grinder 230mm 2200W	2
3	3/41	Grinder portable (Small)	115mm Angle Grinder 720W	5
4	3/52	Welding rods		15
5	3/53	Cutting nozzle		15
6	3/54	Leather apron		30
7	3/55	Safety boots		30
8	3/56	Protective clothing	Fighting Clothing Fire Suit	30
9	3/57	Safety goggles / Face shield	Shield Eye Protection Safety	30
10	3/58	Welding Helmet	arc weld flip front helmet	30
11	3/59	Spats	Chrome Leather Ankle Spats	30
12	3/60	Leather gloves	Chrome Leather Welding Gloves Double Palm 8" Premium	30
13	3/61	Cutting Goggles	Flip Front Welding Goggle	30
14	3/62	Ear muffs / Ear Plugs	ABS Fold-Up Earmuff	30
15	3/43	Pipe Bender		2
16	3/11	Sanding pad 50mm wide		15
17	3/21	Portable straight line cutter		5
18	3/23	Contour Marker	11/2 in -18 in pipe capacity	5
FOR DETAILS REFER ENCLOSURE - 1				

LOT – 12 MISCELLANEOUS ITEMS FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	1/163	Set of Wooden Pallets	Assorted sizes	1
2	1/184	Miscellaneous		1
FOR DETAILS REFER ENCLOSURE - 1				

End of Section IV

SECTION V – COMMERCIAL

Annexure – 1

PRICE SCHEDULE

LOT: 1 – EQUIPMENT FOR VIDEO CONFERENCING FACILITY

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.

Sl. No	Annex Ref.	ITEM	Brief Specification	Qty	Unit F.O.R. Nhava Sheva Port Price in Ind. Rs	Total F.O.R. Nhava Sheva Port Price in Ind. Rs.
1	5/1	98 inch Interactive Display with Android 13.0, 8GB RAM, 128GB SSD		1		
2	5/2	OPS: i5 12th Gen 8GB ROM , 512GB ROM with Windows		1		
3	5/3	4K Speaker Tracking PTZ Fixed cameras in a classroom to support video conference of the lecturer and entire class		2		
4	5/4	Unified Communication Speaker Phone		1		
5	5/5	Unified Communication Speaker Microphone		4		
6	5/6	HDMI to USB Capture Card for VC		1		
7	5/7	Multi View with Streaming for VC		1		
8	5/8	15 mtrs USB Male to Female Extender		2		
9	5/9	HDMI CAT6 Extender		3		
10	5/10	Handheld Microphone		1		
11	5/11	Collar Microphone		1		
12	5/12	Wall Speakers		3		
13	5/13	Amplifier		1		
14	5/14	Mixer		1		
15	5/15	High-quality 4K recording with newly added features such as UVC (USB Video Class), 1/5.84cm (2.3in)-type CMOS sensor, optical zoom lens		1		
16	5/16	Tripod Stand for Camera		1		
17	5/17	Video and Web conferencing Cloud services - GoTo meeting for 100 Participants		1		
18	5/18	Table		1		
19	5/19	Chairs		15		
20	5/20	Table for Printer		1		
21	5/21	Wifi Equipment for 50 Devices - Includes Access Points, Router, Injector		1		
22	5/22	Cables and Connectors		1		

23	5/23	Laptops – i5 -133		15		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
# The above Cost shall include E&C and initial training of customer's personnel in operation and maintenance for above equipment at project site in South Africa. (HMT(I) shall arrange to provide, free furnished bachelor's accommodation, local transport and necessary assistance in getting VISA for the Technical Personnel deputed to site in South Africa. To & fro Airfare, Boarding expenses, Travel Insurance and incidental expenses to be borne by the supplier).						
*** Total cost of equipment including I & C in Indian Rupees (in words):**						

***Total should include the cost towards the following:**

a. Deputation of technical personnel for carrying out installation, commissioning, trials, training the customer's personnel in operation and maintenance of above equipment at project site in South Africa.
b. Necessary tools, fixtures, instruments, trial materials, consumables, etc, for Installation and training have to be sent along with the supplies.

Please indicate the man days considered for deputation on the format given below

Sl No.	No. of Persons required for Installation of this equipment	Total No. of Man days required

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT: 2 - COMPUTER ITEMS FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.						
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1	1/96	Server		1		
2	1/97	Networking hardware set		1 Set		
3	1/98	Computer		10		
4	1/99	UPS for Server		1		
5	1/100	UPS for Computer		10		
6	1/102	Software for designing & Drafting	Autocad/Pro-e - Preloaded	10		
7	1/103	Inkjet Printer		1		
8	5/24	Multifunctional printer		1		
9	5/25	Desktop		1		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
# The above Cost shall include E&C and initial training of customer's personnel in operation and maintenance for above equipment at project site in South Africa. (HMT(I) shall arrange to provide, free furnished bachelor's accommodation, local transport and necessary assistance in getting VISA for the Technical Personnel deputed to site in South Africa. To & fro Airfare, Boarding expenses, Travel Insurance and incidental expenses to be borne by the supplier).						
*** Total cost of equipment including I & C in Indian Rupees (in words):**						

***Total should include the cost towards the following:**

a. Deputation of technical personnel for carrying out installation, commissioning, trials, training the customer's personnel in operation and maintenance of above equipment at project site in South Africa.
b. Necessary tools, fixtures, instruments, trial materials, consumables, etc, for Installation and training have to be sent along with the supplies.

Please indicate the man days considered for deputation on the format given below

Sl No.	No. of Persons required for Installation of this equipment	Total No. of Man days required

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT - 3 MACHINES AND EQUIPMENT FOR CARPENTARY TRADE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.

Sl. No	Annex Ref.	ITEM	Brief Specification	Qty	Unit F.O.R. Nhava Sheva Port Price in Ind. Rs	Total F.O.R. Nhava Sheva Port Port Price in Ind. Rs.
1	4A/1	Claw Hammer		10		
2	4A/2	Crosscut Saw		10		
3	4A/3	Tenon Saw		5		
4	4A/4	Wood Chisels (Set of 4)		10		
5	4A/5	Mallet (Wooden)		10		
6	4A/6	Jack Plane		10		
7	4A/7	Try Square		10		
8	4A/8	Marking Gauge		10		
9	4A/9	Screwdrivers (Set)		10		
10	4A/10	Files and Rasps (Set)		10		
11	4A/11	C Clamp		10		
12	4A/12	Cordless drill		5		
13	4A/13	Jigsaw		2		
14	4A/14	Circular Saw Portable		2		
15	4A/15	Router		1		
16	4A/16	Sander		2		
17	4A/17	Angle Grinder		1		
18	4A/18	Dust Collector / Vacuum		1		
19	4A/19	CNC Router		1		
20	4A/20	Lathe		1		
21	4A/21	Combination Planer		1		
22	4A/22	Bandsaw		1		
23	4A/23	Circular Saw		1		
24	4A/25	Compound Mitre Saw		2		
25	4A/26	Table Saw		2		
26	4A/27	Belt Sander Portable Pipe Polishing		2		
27	4A/28	Portable Drum Sander		2		
28	4A/29	Portable Planer		2		
29	4A/30	Chain Saw		2		
30	4A/31	Electric Stapler		2		
31	4A/32	Electric Airless Paint Sprayer Gun		2		
32	4A/33	Laser Distance Measurer		15		
33	4A/34	Digital Angle finder		15		
34	4A/35	60cm Spirit Level		15		
35	4A/36	Measuring tape 5M		30		
36	4A/38	Safety Goggles		30		
37	4A/39	Dust Masks (Reusable)		30		
38	4A/40	Ear Muffs/Plugs		30		
39	4A/41	First Aid Kit		2		
40	4A/42	Fire Extinguisher (ABC)		1		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					

B	**0.1% GST applicable on (A)**	
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**	
# The above Cost shall include E&C and initial training of customer's personnel in operation and maintenance for above equipment at project site in South Africa. (HMT(I) shall arrange to provide, free furnished bachelor's accommodation, local transport and necessary assistance in getting VISA for the Technical Personnel deputed to site in South Africa. To & fro Airfare, Boarding expenses, Travel Insurance and incidental expenses to be borne by the supplier).		
*** Total cost of equipment including I & C in Indian Rupees (in words):**		

***Total should include the cost towards the following:**

a. Deputation of technical personnel for carrying out installation, commissioning, trials, training the customer's personnel in operation and maintenance of above equipment at project site in South Africa.
b. Necessary tools, fixtures, instruments, trial materials, consumables, etc, for Installation and training have to be sent along with the supplies.

Please indicate the man days considered for deputation on the format given below

Sl No.	No. of Persons required for Installation of this equipment	Total No. of Man days required

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT –4 PROFILE CUTTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.".						
Sl. No	**Annex Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1	3/22	Profile cutter		2		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
# The above Cost shall include E&C and initial training of customer's personnel in operation and maintenance for above equipment at project site in South Africa. (HMT(I) shall arrange to provide, free furnished bachelor's accommodation, local transport and necessary assistance in getting VISA for the Technical Personnel deputed to site in South Africa. To & fro Airfare, Boarding expenses, Travel Insurance and incidental expenses to be borne by the supplier).						

***Total should include the cost towards the following:**

a. Deputation of technical personnel for carrying out installation, commissioning, trials, training the customer's personnel in operation and maintenance of above equipment at project site in South Africa.
b. Necessary tools, fixtures, instruments, trial materials, consumables, etc, for Installation and training have to be sent along with the supplies.

Please indicate the man days considered for deputation on the format given below

Sl No.	No. of Persons required for Installation of this equipment	Total No. of Man days required

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT – 5 MACHINES AND EQUIPMENT FOR PLUMBING TRADE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."						
Sl. No	**Encl. Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Port Price in Ind. Rs.**
1	4B/1	Metal Tool Boxes with Learner Hand Tools		15		
2	4B/2	Digging Tools	(Shovel& Spade 1 no each)	15		
3	4B/3	Measuring Tapes	(10 m, 20m) and 1m steel rule	15		
4	4B/4	Pipe Bender	Size 1/2 to 1 inch	15		
5	4B/5	Metal Pipe Threading Machine	Size 1/2 to 2 inch	1		
6	4B/6	Portable tri stand withh yoke pipe vice	Size 1/2 to 2 .5 inch	5		
7	4B/7	Portable electric Pipe Threader	Size 1/2 to 1 inch	1		
8	4B/8	Pipe Saw stainless steel pipe 165 mm		1		
9	4B/9	Rachet type pipe threading	Weight –15.5 inch	5		
10	4B/10	Ratchet pipe reamer	Size – 3/8 to 2 inch	10		
11	4B/11	Pipe Vice		10		
12	4B/12	Chain pipe wrench		10		
13	4B/13	Rapid grip pipe wrench	Size – 10 inch	10		
14	4B/14	Corner pipe wrench	Size – 10 inch	10		
15	4B/15	Tube cutter	Size – 3 to 30 mm	10		
16	4B/16	Pipe cutter	Size – 1⁄2 to2 inch	10		
17	4B/17	Set of Pumps	Centrifugal Pump, Pressure Booster Pump, Submersible pump	2		
18	4B/18	15mm Water Meter		2		
19	4B/19	Impact Drill		5		
20	4B/20	Rotary Hammer		2		
21	4B/21	Angle Grinder		5		
22	2A/38 & 4B/22	Bench Grinder		3		
23	4B/23	Pillar Drilling Machine		1		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance

with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT–6 PEDESTAL DRILLING MACHINE ,PEDESTAL GRINDING MACHINE &POWER HACKSAW

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.".						
Sl. No	**Annex Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1	3/39	Pedestal Drilling machine	40mm Gearbox type	2		
2	1/84	Pedestal Grinding Machine	Grinding wheel 200 mm	2		
3	1/85 & 3/42	Power Hacksaw	200 mm	2		
4	2A/202	Hacksaw Blades		16		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT–7 MATERIAL HANDLING AND OTHER EQUIPMENT FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.						
Sl. No	**Encl. Ref.**	**Item**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1.	1/159	Pallet Roll	1 T	2		
2	2B/161	Pallet Roll	2.5 T	2		
3	1/160	Pallet Crane		1		
4	1/143	Air compressor		1		
5	1/130	Granite surface plate with stand	1mt x 1mt	2		
6	1/156	Cast Iron angle plate with T slots	250x200x150mm	2		
7	1/142	Hardness tester		1		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT-8 TOOLS FOR REFRIGERATION & AIR CONDITIONIG

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.".						
Sl. No	**Encl. Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1	2B/25	Wrench adjustable	Length 150 mm	4		
2	2B/26	Pipe wrench	Size 50 & 150 mm	1		
3	2B/27	Torque wrench	300 mm 12.7 mm square drive right and left hand	1		
4	2B/29	Socket set reversible ratchet 12.7 mm square drive with extension 4.7 to 31.2 mm		3		
5	2B/40	Screw driver plastic handle 6 mm tip length	100, 150 mm	20		
6	2B/41	Philips screw driver	Complete set in leather case	2		
7	2B/42	Screw driver plastic handle 3 mm tip length	100 and 150 mm insulated	2		
8	2B/43	Plier combination insulated	Length 200 mm	2		
9	2B/44	Pliers long nose	Length 200 mm	5		
10	2B/45	Pliers flat nose	Length 150 mm	5		
11	2B/46	Hammer ball pin	450 gms	5		
12	2B/47	Hammer Nylon	300 gms	5		
13	2B/48	Engineers rule	300 mm.	1		
14	2B/49	Tape measuring 10 m graduation in mm		1		
15	2B/50	Tape measuring 2 m graduation in mm		2		
16	2B/51	Chisel flat	Length 150 mm	4		
17	2B/52	Hack-saw tubular metal frame adjustable		4		
18	2B/53	Scriber	150 mm length	4		
19	2B/54	Divider spring joint	Length 150 mm	4		
20	2B/55	Caliper spring joint outside	150 mm	4		
21	2B/56	Caliper spring inside	150 mm	4		
22	2B/57	Caliper odd leg spring joint	Length 150 mm	4		
23	2B/58	Centre punch	Length 100mm	4		
24	2B/59	Oil can pressure type	1 Liter	2		
25	2B/60	File flat medium double cut	Length 150 mm	4		
26	2B/61	File half round medium double cut	Length 200mm	4		
27	2B/62	File half round fine double cut	Length 150mm	4		
28	2B/63	File round fine double cut	Length 150 mm	4		
29	2B/64	File flat fine double cut	Length 150 mm	4		

30	2B/65	File square fine double cut	Length 150 mm	4		
31	2B/66	Engineers square	200 mm long	2		
32	2B/67	Soldering Iron exchangeable copper tip 65 watts		2		
33	2B/70	Puller 3 legged with flexible arm 120 mm		1		
34	2B/71	Puller 2 legged with flexible arm 300 mm		1		
35	2B/72	Hand blower portable		1		
36	2B/73	Sprit level Precision	Metallic 200 mm	1		
37	2B/74	Plumb weight	200 mm	1		
38	2B/75	Snipper sheet metal straight nose	200 mm	1		
39	2B/76	Tap set with matching drills	3 mm to 16 mm	1		
40	2B/77	Tap set matching drills	1/4" to 5/8”	1		
41	2B/78	Tap set matching drills	1/4" to 5/8” size	1		
42	2B/79	Tap and die set	3 mm to 16 mm size	1		
43	2B/83	Electrical drill portable with chuck and key capacity 6 mm.		2		
44	2B/84	Oxy-Acetylene welding set complete with cylinders regulators welding torches with difference nozzles		1		
45	2B/85	Gas cylinder truck two wheel type		1		
46	2B/86	Line tester	500 volts heavy duty	4		
47	2B/87	Tong tester	0-10-30 amps 0-500 volts (Clamp on Multimeter)	4		
48	2B/88	Knife folded	Stainless steel 150 mm	4		
49	2B/89	Voltmeter AC/ DC portable precision grade teak wood case leather belt 0 to 5 volt		7		
50	2B/90	Ammeter AC/DC portable precision grade teak wood case leather belt 0t to 5 volt		5		
51	2B/91	Ammeter AC/DC portable precision grade teak wood case leather belt 0 to 30 amp		5		
52	2B/92	Megger	1000 Volt	1		
53	2B/93	Varic in put 230 Volt output 400 volt amp. Portable complete with meters and controls		1		
54	2B/94	Wattmeter multi range up to 1 KW		1		

55	2B/95	Wattmeter multi range up to 5 KW		1		
56	2B/96	Multimeter – Analog type		5		
57	2B/97	Multimeter-Digital type		2		
58	2B/98	Tachometer digital multi grade 0 to 3000 rpm portable small size in leather case		1		
59	2B/99	Transistor tester		1		
60	2B/100	RLC Bridge		1		
61	2B/101	Stop Watch		1		
62	2B/102	Filler gauge	0.05 mm-1 mm	1		
63	2B/103	Wire gauge metric and with worth		1		
64	2A/74	Tacho meter with stop watch	Digital	3		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT: 9 - SET OF TOOLS AND CONSUMABLES FOR MILLWRIGHT

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.						
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
1	2A/32	Cordless Drilling Machine (Rechargeable Battery Type)		5		
2	2A/36	M.C.B.	16 Amps 2pole 250v, 16Amps 3pole 500v, Qty One each	1		
3	2A/39	Rawl plug tool & bit	Of Nos 6, 8, 10, 12	8		
4	2A/40	Pulley puller		2		
5	2A/42	Thermometer	0 to 100 deg. centigrade	2		
6	2A/43	Scissors blade	150 mm	2		
7	2A/44	Crimping tool set	Bootlace, D-sub, heavy duty with 8mm square	8		
8	2A/45	Wire stripper	125mm	8		
9	2A/46	Try square	150 mm blade	8		
10	2A/47	Outside caliper	150 mm	8		
11	2A/48	Insider caliper	150 mm	8		
12	2A/49	Divider	150 mm,	8		
13	2A/50	Pliers nose- set	round & straight of sizes 150mm, 200mm	8		
14	2A/51	Tweezers		8		
15	2A/52	Snip Tin cutter	300mm	8		
16	2A/53	Straight Shank Drill set	assorted sizes and shapes	8		
17	2A/54	Wire Gauge		8		
18	2A/55	Files	Assorted sizes and shapes	8		
19	2A/56	Soldering iron - set	25 watt, 65 watt & 125 watt copper tip	8		
20	2A/57	Desoldering gun		8		
21	2A/58	Pipe cutter	25 mm, 50mm capacity	8		
22	2A/59	Stock and die set	For 20 mm to 50 mm G.I. Pipe	2		
23	2A/60	Plane Smoothing cutter	50mm size	2		
24	2A/79	Relays - set	Over current, Under voltage, Over voltage, Leak current	1		
25	2A/102	Pliers insulated	combination, side cutting, long nose 150mm	8		
26	2A/103	Screw driver set	double end	8		
27	2A/104	Centre punch	100 mm x 4 mm	8		
28	2A/105	Knife Electrician		8		
29	2A/106	Screw driver with Neon light tester	3.5 mm width x 100 mm length	8		
30	2A/107	Scriber	150 mm x Ø 4mm	8		
31	2A/108	Pincer	150 mm	8		
32	2A/110	Electrician tool kit	Set consisting of assorted	5		

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.						
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
			tools			
33	2A/127	High speed drill set	1mm to 6 mm (11 pieces in each)	2		
34	2A/128	Professional swing arm magnifying lamp for Electronic workshop	With multi position-G-clamp mounting bracket	4		
35	2A/129	Socket set	09 Square drive sockets size 4.5 - 12 mm, 8 " reversible handle, 3" extension bar	2		
36	2A/130	Electric hand drill machine with hammer action	230V, 50Hz, chuck, 600W capacity 01mm - 13 mm	2		
37	2A/132	Neon Tester with insulated handle	Above 100 V	2		
38	2A/153	Tap handle 200 mm	200mm long 4-12mm tap capacity	8		
39	2A/197	Shim stock Roll	0.05, 0.1,.0.2,0.25, 0.3, 0.4, 0.45, 0.5, 0.55, 0.6, 0.7, 0.75, 0.8, 0.9, 1mm set of shims	16		
40	2A/198	Set of screws, bolts, nuts and Washer		16		
41	2A/199	Set of Drill Bits	straight shank, Counter-bore drill	16		
42	2A/200	Set of Reamers	straight Reamer & Taper Reamer	16		
43	2A/201	Set of Taps	M6, M8, M10, M12	16		
44	2A/203	Ready bar (1000mm)	M8 - 2 nos ,M1O - 2 nos , M12 - 2 nos	6		
45	2A/204	Cleaning rags per kg		16		
46	2A/205	Copperslip (500g)	Copperslip (500g)	16		
47	2A/206	Chalk sticks (box)	Chalk sticks (box)	16		
48	2A/207	Pens - black ball point (box)	Pens - black ball point (box)	16		
49	2A/208	Masking tape 25mm (roll)	Masking tape 25mm (roll)	16		
50	2A/209	Gasket sealer (Tub)	Gasket sealer (Tub)	16		
51	2A/210	Personal Protective Clothing		16		
52	2A/211	Safety Gloves		16		
53	2A/212	Safety Boots		16		
54	2A/213	Safety Goggles		16		
55	2A/214	Safety helmet		16		
56	2A/215	Respirator / Dust Musk		16		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.						
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Price in Ind. Rs.**
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT – 10 SET OF WORK HOLDING DEVICES & OTHER TOOLS

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.

Sl. No	Annex Ref.	ITEM	Brief Specification	Qty	Unit F.O.R. Nhava Sheva Port Price in Ind. Rs	Total F.O.R. Nhava Sheva Port Price in Ind. Rs.
1.	1/162	Set of work holding devices		1		
2	1/62	Slot Drill 10 mm	10mm slot drill	8		
3	1/127	Thread Plug & Ring Gauge Set		5		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT – 11 MACHINES AND EQUIPMENT TO BOILER MAKER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."						
Sl. No	**Encl. Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Port Price in Ind. Rs.**
1	3/38	Cut off machine		5		
2	3/40	Grinder portable (Big)	Angle Grinder 230mm 2200W	2		
3	3/41	Grinder portable (Small)	115mm Angle Grinder 720W	5		
4	3/52	Welding rods		15		
5	3/53	Cutting nozzle		15		
6	3/54	Leather apron		30		
7	3/55	Safety boots		30		
8	3/56	Protective clothing	Fighting Clothing Fire Suit	30		
9	3/57	Safety goggles / Face shield	Shield Eye Protection Safety	30		
10	3/58	Welding Helmet	arc weld flip front helmet	30		
11	3/59	Spats	Chrome Leather Ankle Spats	30		
12	3/60	Leather gloves	Chrome Leather Welding Gloves Double Palm 8" Premium	30		
13	3/61	Cutting Goggles	Flip Front Welding Goggle	30		
14	3/62	Ear muffs / Ear Plugs	ABS Fold-Up Earmuff	30		
15	3/43	Pipe Bender		2		
16	3/11	Sanding pad 50mm wide		15		
17	3/21	Portable straight line cutter		5		
18	3/23	Contour Marker	11/2 in -18 in pipe capacity	5		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for

acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

5. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
6. No erasures or alternations in the text of the offer are permitted.
7. Any correction made in offer shall be initialed by the Bidder.
8. VALUES should be both in figures and Words.

The prices quoted should be most competitive

LOT - 12 MISCELLANEOUS ITEMS FOR COMMON FACILITY WORKSHOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.".						
Sl. No	**Annex Ref.**	**ITEM**	**Brief Specification**	**Qty**	**Unit F.O.R. Nhava Sheva Port Price in Ind. Rs**	**Total F.O.R. Nhava Sheva Port Port Price in Ind. Rs.**
1	1/163	Set of Wooden Pallets	Assorted sizes	1		
2	1/184	Miscellaneous		1		
A	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees with seaworthy packing**					
B	**0.1% GST applicable on (A)**					
C	**Total F.O.R Nhava Sheva Mumbai Port Price in Indian Rupees i.e. (C) = (A) + (B)**					
Total cost of equipment in Indian Rupees (in words):						

It is hereby certified that we have understood the instruction to Bidders and also the Terms & Conditions of Contract attached to the tender and have thoroughly examined and are aware of the nature of supplies/services required and our offer is to render supplies/services strictly in accordance with the requirements and according to the terms of the tender. We agree to abide solely by the terms & conditions of contract and other conditions of the tender in accordance with the tender documents if the contract is awarded to us.

We hereby offer to render supplies/ services as detailed above or such portion thereof as you may specify in the acceptance of tender at the price quoted and agree to hold this offer open for acceptance for a period of 90 days from the date of opening of tender. We shall be bound by the communication of acceptance dispatched within the prescribed time.

We possess the necessary License from the Government of India/State Government for rendering the supplies / services.

Dated:……..

Signature and seal of Authorized Signatory

NOTE

1. The offer must be submitted as per above proforma. The Bidder may use his letterhead to submit his offer.
2. No erasures or alternations in the text of the offer are permitted.
3. Any correction made in offer shall be initialed by the Bidder.
4. VALUES should be both in figures and Words.

The prices quoted should be most competitive

End of Section V

Annexure – 2

PROFORMA FOR STATEMENT OF DEVIATIONS FROM TENDER CONDITIONS

The following are the particulars of deviations from the requirements of the Instructions to Bidders and Terms & Conditions of contract (To be enclosed for each lot separately): -

CLAUSE	DEVIATION	REMARKS (Including justification)

.....
Signature and seal of
the Authorized Signatory

NOTE: Where there is no deviation, the statement should be returned duly signed with an endorsement indicating “No Deviations”.

Annexure – 3

PROFORMA FOR COMMERCIAL DETAILS & PREVIOUS EXPERIENCE

(i) Is the firm registered with Govt. Authority/ Agency or MNC? If so, a copy of the registration certificate should be enclosed.

(ii) Name and address of the Banker

Details of major orders for the quoted supplies/services executed during the past five years should be furnished in the following format.

Sl. #	Full Address of Customer	Order No. and Date	Description of Supplies / Services	Qty.	Contract Value in Rs.	Remarks
1	2	3	4	5	6	7

Signature:……..
Name:……..
Designation:…….

NOTE: A certificate from the customer should preferably be enclosed to indicate that the contract was satisfactorily performed.

To be enclosed for each lot separately.

Annexure – 4

PROFORMA FOR PERFORMANCE BANK GUARANTEE

THE DEPUTY GENERAL MANAGER
HMT (INTERNATIONAL) LTD.
HMT BHAVAN
59 BELLARY ROAD
BANGALORE – 560 032

DEAR SIR,

THIS DEED OF GUARANTEE EXECUTED BY …… BANK, (NAME AND ADDRESS OF THE BANK) (HEREINAFTER REFERRED TO AS BANK) IN FAVOUR OF HMT (INTERNATIONAL) LTD. (HEREINAFTER REFERRED TO BENEFICIARY) NOT EXCEEDING RS……. (RUPEES …….. ONLY) AT THE REQUEST OF M/S. …….. (HEREINAFTER REFERRED TO AS SUPPLIER).

WHEREAS THE SUPPLIER HAS APPROACHED BANK TO ISSUE BANK GUARANTEE IN YOUR FAVOUR FOR A SUM OF RS. …… (RUPEES …….. ONLY). WHEREAS THE SUPPLIER HAS RECEIVED PURCHASE ORDER NO. …… DATED …….. FOR RS …… FOR PROVIDING SERVICES AS STATED IN THE PURCHASE ORDER. WHEREAS THE SUPPLIER HAS TO SUBMIT PERFORMANCE GUARANTEE FOR FIVE PERCENT OF THE VALUE OF SUPPLIES PORTION OF RS……AS STATED IN THE SAID PURCHASE ORDER.

WE HEREBY CONFIRM AND STATE THAT WE AS GUARANTORS SHALL BE RESPONSIBLE TO YOU ON BEHALF OF THE "SUPPLIER" FOR A TOTAL SUM OF RS…… (RUPEES …….. ONLY) IN CASE OF VIOLATION OF ANY OF THE TERMS/CONDITIONS OF THE SAID PURCHASE ORDER.

WE UNDERTAKE TO PAY YOU UPON FIRST WRITTEN DEMAND DECLARING THE "SUPPLIER" TO BE IN VIOLATION/BREACH OR CONTRAVENTION OF ANY OF THE TERMS AND CONDITIONS, WITHOUT DEMUR OR ARGUMENT OR COURT ORDER OR RESOLUTION WITHIN THE VALIDITY OF THIS GUARANTEE, A SUM OF RS…… (RUPEES …….. ONLY) AS AFOREMENTIONED WITHOUT YOUR HAVING TO PROVE TO US OR TO SHOW GROUNDS OR REASONS FOR YOUR DEMAND FOR THE SUM SPECIFIED HEREIN.

THE GUARANTEE CONTAINED HEREIN SHALL NOT BE AFFECTED BY ANY CHANGES IN THE CONSTITUTION OF THE BANK OR IN THE CONSTITUTION OF THE BENEFICIARY VIZ. YOURSELF AND SHALL BE VALID TILL (DATE) FROM THE DATE OF ISSUE PROVIDED HOWEVER THAT IN CASE DEMAND IS NOT MADE BY YOU UNDER THIS GUARANTEE ON OR BEFORE (DATE) , BANK SHALL BE FULLY ABSOLVED FROM ANY LIABILITY UNDER THIS GUARANTEE DEED.

WE HEREBY DECLARE AND STATE THAT THIS GUARANTEE UNLESS INVOKED BY YOU AS AFORESAID SHALL BE VALID TILL (DATE) FROM THE DATE OF ISSUE AND SHALL BE NULL AND VOID THEREAFTER WHETHER THE ORIGINAL GUARANTEE IS RETURNED OR NOT

			Annexure - 5
	PROFORMA FOR VENDOR REGISTRATION		
	S.N.	Description	Details
		(a) Name and address of the vendor	
		(b) Please specify whether you are : Manufacturing Unit / Distributor / Agent etc.,	
	1	(c) Telephone No.	
		(d) Fax No.	
		(e) Email ID	
		(f) Company Profile (Please enclose)	
		(g) Turnover of the Company for the past three years	
		(h) Bankers Details	
	2	Quality system implemented - ISO 9000 / QS 2000 etc.	
	3	Name, address & Telephone No. of the owner / proprietor/partners	
	4	Sales Tax Registration No. - Central & State	
	6	Registration No.	
	7	Details of Products Manufactured / Distributed / offered. Please enclose brochure.	
	8	Details of Manufacturing Units / Workshops etc., available	
	9	Details of Machines, equipment, computers available	
	10	Manpower / Organization structure	
	11	List of Major Products / Services	
	12	Details of your major customers	
	13	Are you exporting Products / services? If so, please furnish	
		details of exports for past 3 years.	
	14	Are you providing training to overseas students/trainers and if so,	
		give details of the training courses conducted for last 3 years	
	15	Do you have branches or institutes under your group, If yes,	
		give details with address.	
	16	Whether you are affiliated / accredited to any Govt.	
		Agency / Reputed organization	
	Declaration: I / We declare that the details given above are true and correct.		
	Place :		Signature of Authorized person
	Date :		With Company Seal

(Note: Please attach detailed information in a separate sheet wherever required)

QUALITY AND PACKING DETAILS

1. MACHINE / EQUIPMENT:

1.1 Machine / Equipment shall be manufactured and delivered in accordance with the specifications as given in this Tender and quality shall be as per Indian / International Standards.

1.2 Goods supplied shall be new, genuine, unused and shall be of current models and of current productions.

1.3 Any alteration to the specifications, Design, Patterns etc. of the offered goods shall only be made upon the Buyer's consent in writing.

1.4 The Tenderer warrants that the materials, metals, chemicals, paints, packing pieces etc. used in the manufacture of goods and all its packing and packaging are fully trivialized and stable under tropical conditions. Any damages arising from the inadequate trivialization, shall be deemed an inherent defects of manufacture.

1.5 **BOUGHT-OUTS**:
All the bought-out items such as bearings, belts, electricals, motors, contactors, switches, MCBs, fuses, transformers, rubber gaskets, O-rings, conduit pipes, coolant and hydraulic hoses etc. **shall correspond to ISI / International specifications, should preferably have CE mark** and shall be of reputed make like SKF, FENNER, BHARAT, BIJILEE, CUTTLER HAMMER, CROMPTON GREAVES, SIEMENS and TELEMECHNIC.

1.6 Bought-out accessories like Furnace Lamps, pumps, Panel Air conditioners, Oil Coolers, Panel Boards, Stabilizers, Transformers etc. should be from reputed original equipment manufacturers.

1.7 Machine / Equipment aesthetics especially sheet metals, guards, doors, covering plates, castings are to be made to international standards. Painting and finish of Furnaces are the most important aspects of aesthetics.

2. INSTRUCTION & SPARE PARTS MANUALS:

2.1 Neatly printed manuals should be sent with the Machine / Equipment. Instruction Manuals should be of updated version containing complete details of offered Machine / Equipment including customer name, Machine / Equipment number, Machine / Equipment model, year of manufacture etc..

2.2 Drawings should be clear and legible. Xerox copies are not acceptable. Details of bought-out items used in the Machine/Equipment should be included in the manual. Good quality paper should be used for printing of manuals.

2.3 All foundation drawings showing electrical, air, water and other service connections of Machine / equipment, with floor plans to be provided in two sets, in English.

3. SAFETY DEVICES:

Each Machines/equipment should be provided with adequate and all necessary safety devices for the protection of the operator/s, factory personnel and the environment.

4. OTHER CONDITIONS:

Since Machine / Equipment are being exported, Machine / Equipment including all accessories have to be built to ensure high quality performance, aesthetic appearance in respect of general finish, painting, sheet metal fabrication and international safety regulations.

5. PACKING INSTRUCTIONS:

5.1 Export worthy wooden / plywood packing as per Indian / International standards suitable for sea freight.
5.2 Equipment, accessories and spares are to be covered by thick silpaulin sheet or 1 mm thick polythene sheets and all openings are to be sealed .
5.3 All external bright / machined surfaces should be protected with coating of OKS-CORTEC VCI 369 N Rust preventive. OKS rust preventive to be used.
5.4 Rust preventives to be used whose shelf life is not less than one year.
5.5 Packing list with respect to each case to be prepared and given to HMT(I) along with other documents.
5.6 Machine / Equipment should be firmly fixed to be base of packing case to prevent jerking or local movement.
5.7 Delivery Voucher should clearly indicate packing case dimension with net and Gross weight and case number if there are more than one case.
5.8 Photographs before and after packing to be taken and sent to HMT(I).
5.9 Handling marks of the packing cases to be shown on packing cases.
5.10 Fumigation has to be conducted and fumigation certificate should be submitted to HMT(I)

ANNEXURE – 7

PROFORMA FOR MANUFACTURER AUTHORIZATION FORM

(On Manufacturer's Letter Head)

Date:

The Deputy General Manager,
HMT (International) Limited,
No.59, Bellary Road,
Bangalore – 560 032

Sub: Manufacturer Authorization against tender No. ……for Supply, Installation / Commissioning & Trials of "……." for the Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.

Dear Sir,

We, M/s…….. (Insert Name of the Manufacturer) having registered office at ……..……(Insert Address of the Manufacturer) by virtue of being manufacturer for ……..(Insert Name of the product/s) hereby authorize M/s……..……(Insert Name of the bidder) having their office at ……..….(Insert Address of the bidder) to submit the bid, negotiate, conclude the contract and provide after sales support for our range of products quoted by them to meet the above mentioned tender requirements.

No company or firm or individual other than M/s. ……..….(Insert Name of the bidder) are authorized to bid and conclude the contract for the above goods manufactured by us against the above referred tender.

The undersigned is authorized to issue such authorization on behalf of M/s…….. (Insert Name of the manufacturer).

For M/s. (Name of the Manufacturer)
Signature & Seal of the Company

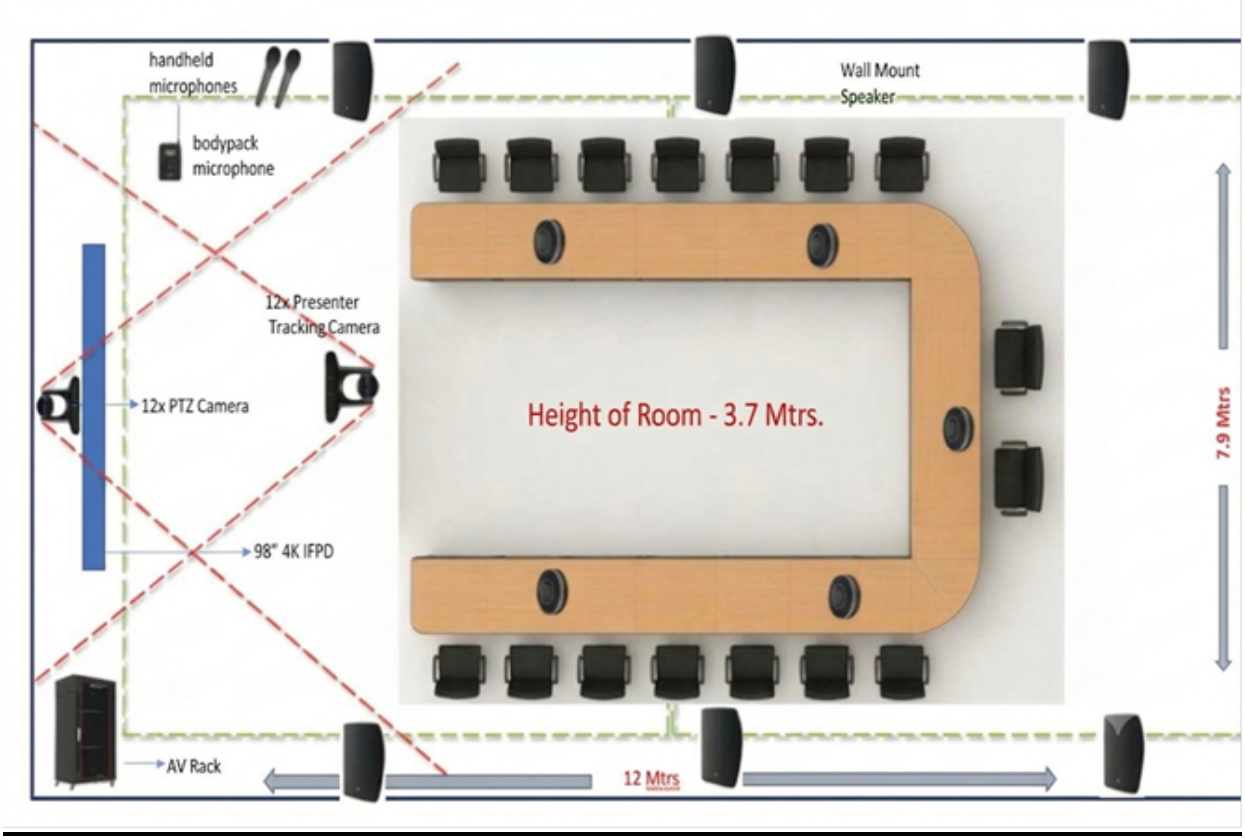
LOT: 1 – EQUIPMENT FOR VIDEO CONFERENCING FACILITY

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Specification**	**Qty**
1	5/1	98 inch Interactive Display with Android 13.0, 8GB RAM, 128GB SSD	**Display Performance** 1. Size - 98 inch 2. Panel Type - ADS 3. Back Light Unit- DLED 4. Response Time - 8ms 5. Aspect Ratio - 16:09 6. Resolution - 3840 × 2160 (4K UHD) 7. Refreshing Frequency - 60Hz 8. Display Color - 1.07B (10-bit) 9. Bit Rate - 10bit 10. Viewing Angle - 178° (H/V) 11. Brightness with glass (min) - 400 cd/m² 12. Brightness with glass (typ) - 450 cd/m² 13. Life Time ≥ 50,000 Hours **Embedded Android System & Processing** 1. CPU - A55 × 4 (Quad-Core) 2. GPU - Mali G52 MP2 3. Sensing Type - Infrared Recognition 4. Touch Recognition - Finger, Passive stylus 5. Accuracy - ±1.5 mm 6. Touch Point ≥ 40 Points 7. Minimum Object Size - 3 mm 8. Writing Height ≤ 3 mm 9. Supporting - OS Windows / Android / Linux / macOS /Chrome **Audio & Acoustic Output** 1. Audio Output - 2.0 Channel 2. Output Power - 2 × 16W **Power & Electrical** 1. Power Supply - 100-240V~ 50/60Hz 5.5A 2. Standby Power ≤ 0.5 W 3. Power Consumption (Typ/Max) - 360 W / 558 W **Input & Output Ports** 1. HDMI In - 3 2. HDMI Out - 1 3. USB (Type-A 2.0) - 1 4. USB Type-C - 1 5. USB (Type-A 3.0) - 4 6. Touch USB - 2 7. VGA In - 1 8. Audio / MIC In - 1 9. Audio Out -1	1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Specification**	**Qty**
2	5/2	OPS: i5 12th Gen 8GB ROM , 512GB ROM with Windows		1
3	5/3	4K Speaker Tracking PTZ Fixed cameras in a classroom to support video conference of the lecturer and entire class	1. Sensor - 1/2.8″ 8.51M 2. Video Format – 2160p : 60 / 50 2160p : 30 / 25 1080p : 60 / 50 / 30 / 25 720p : 60 / 50 / 30 / 25 1080i : 60 / 50 3. Video Output- (HD) Interface HDMI / Ethernet / USB 4. Optical Zoom - 12x 5. Digital Zoom - 8x 6. Horizontal Viewing Angle - 81° 7. Video S/N Ratio- > 50Db 8. Video Format - 2160p 30 / 25 1080p 60 / 50 / 30 / 25 9. Auto Tracking - Yes 10. Speaker Tracking - Yes 11. Interface - RS-232 / RS-422 / Ethernet / USB	2
4	5/4	Unified Communication Speaker Phone	1. Microphones - Unidirectional Microphones x 3, 360° coverage 2. Speakers - Full-range Speaker x 1 3. Maximum volume – 95 dB (0.5 m (1.6 ft)) 4. Signal processing – Adaptive echo canceller, Noise reduction, Automatic tracking, Automatic gain control, Automatic room EQ, Dereverberation, Automatic audio tuning 5. Supported OS – Windows 11 Windows 10（32bit/64bit, macOS 13, macOS 12 macOS 11 , Chrome OS	1
5	5/5	Unified Communication Speaker Microphone	1. Microphones - Unidirectional Microphones x 3, 360° coverage 2. Frequency bandwidth - For sound pickup: 100 Hz - 20,000 Hz 3. Interface - Input and output terminals	4
6	5/6	HDMI to USB Capture Card for VC	1. Input Port - 2 HDMI (Type A) , 1 Analog(3.5mm) 2. Output Port - 1 HDMI (Type A), 1 USB 3.0(Type B) 3. Maximum HDMI Output: Resolutions:4096x2160p@60 YUV 4:4:4	1
7	5/7	Multi View with Streaming for VC		1
8	5/8	15 mtrs USB Male to Female Extender		2
9	5/9	HDMI CAT6 Extender		3

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Specification**	**Qty**
10	5/10	Handheld Microphone	Should include Diversity Receiver, and Handheld Microphone Transmitter with Microphone Capsule. Capsule built - Steel mesh ball grille with built-in "pop" filter to reduce explosive breath sounds and wind noise. Weight without batteries - 270 grams or lesser Battery/ Battery Life - two AA batteries for up to 10 hours	1
11	5/11	Collar Microphone	Should includes Diversity Receiver, and Bodypack Transmitter with Centraverse Lavalier Condenser Microphone	1
12	5/12	Wall Speakers	2-way, Bass-reflex Frequency range (-10dB) - 62Hz - 20kHz	3
13	5/13	Amplifier	Output power 8Ω - Min 300 W × 2 channels or Better Sampling frequency rate - 48kHz	1
14	5/14	Mixer	10 Channel Anolog Mixer On-board processors - SPX algorithm: 24 programs, PARAMETER control:1, FOOT SW:1 (FX RTN CH on/off)	1
15	5/15	High-quality 4K recording with newly added features such as UVC (USB Video Class), 1/5.84cm (2.3in)-type CMOS sensor, optical zoom lens		1
16	5/16	Tripod Stand for Camera		1
17	5/17	Video and Web conferencing Cloud services - GoTo meeting for 100 Participants	GoTo meeting for 100 Participants- 3 Years	1
18	5/18	Table	U shape Material- Teak Wood	1
19	5/19	Chairs		15
20	5/20	Table for Printer		1
21	5/21	Wifi Equipment for 50 Devices - Includes Access Points, Router, Injector		1
22	5/22	Cables and Connectors		1
23	5/23	Laptops	Intel i5 - 1335U / 16GB DDR4 / 14"FHD / 512GB SSD / WIN-11 PRO /1Yr / Bag	15

Pictorial Representation of Video Conferencing Facility



LOT: 2 - COMPUTER ITEMS FOR COMMON FACILITY WORKSHOP

LOT-2 (1) : SERVER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/96		Qty: 1	
Sl. No.	Item	Brief Specification	Quantity
A	**Server**		1
1	Processor	Intel Xeon E3-1225v5 or higher	
2	Chipset	Intel OEM or higher	
3	Memory	Min 16 GB DDR4 or higher (Expandable up to 64GB)	
4	HDD	512GB SSD or 1TB SATA	
5	Optical / diskette	DVD RW Optical Drive	
6	Keyboard	USB keyboard (Same make as OEM)	
7	Mouse	USB optical scroll mouse (Same make as OEM)	
8	Network Controller	Integrated Gigabit Network Connection 10/100/1000.	
9	RAID support	Raid Controller with RAID 0, 1,10,5 SATA support	
10	OS support	Microsoft Windows Server Red Hat Enterprise Linux (RHEL)	
11	Power	300W power supply	
12	Form Factor	Tower server	
13	Monitor	21.5" LED backlit LCD monitor or above	
14	Warranty	1 Year warranty.	

LOT-2(2) : NETWORKING HARDWARE SET

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/97		Qty : 1 Set	
Sl. No.	Item	Brief Specification	Qty.
B	**NETWORKING HARDWARE SET- Required for networking 10 workstations**		1 Set
1	24 Port Unmanaged Gigabit Ethernet Switch- 1No		
2	Standard CAT 6 Cable 305 Mtr- 1Box		
3	CAT6 I/O box with back plate for data-11 Nos		
4	24 Port Jack Panel-1 no		
5	2Mtr CAT6 Patch Cord-11 Nos		
6	6U rack with fan, power extended, cable manager and accessories -1 no		
7	wireless dongle(10 Nos) and Wi-Fi switch (1No) - 1 Set		

LOT-2(3) : COMPUTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/98		Qty : 10	
Sl. No.	Item	Brief Specification	Qty.
C	**COMPUTER**		10
1	Processor	Intel Core i5-13500or Higher	
2	Chipset/Mother Board	Intel OEM or higher	
3	Memory	8 GB DDR4 RAM Expandable up to 64GB ECC/non-ECC, DDR4	
4	Hard Disk Drive	512GB PCIe NVMe SSD/or more	
5	Optical Drive	DVD Writer optional	
6	Graphics	4GB Dedicated graphics (NVIDIA)	
7	Ethernet	Integrated Gigabit Network Connection 10/100/1000.	
8	Ports	1x USB 3.0; 2 x USB 2.0,1 headphone; 1 microphone Back: 4 USB 3.0; 2 USB 2.0; 2 Display Port 1.2; 1 DVI-I single link; 1 RJ-45; 1 audio line-in; 1 audio line-out	
9	Monitor	21.5" LED backlit LCD monitor or above	
10	Keyboard	USB keyboard (Same make as OEM)	
11	Mouse	USB optical scroll mouse (Same make as OEM)	
12	Operating System	Preloaded with Microsoft Windows 11 Professional 64 bit	
13	Power supply	250V +/- 10%, 50 Hz AC supply	
14	Warranty	1 Year warranty	
15	Certificates	OEM: ISO 9001, ISO 14001 latest, IDC reports " as a combined entity in the top three for India's PC market in the last three quarters. Copies of the report shall be provided.	

LOT-2(4) : UPS FOR SERVER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/99		Qty : 1	
Sl. No.	Item	Brief Specification	Qty.
D	**UPS FOR SERVER**		1
1	UPS Capacity	1.5 KVA	
2	Output Power Capacity	1500VA	
3	Max Configurable Power	1500VA	
4	Nominal Output Voltage	220 VAC	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/99		Qty : 1	
5	Output Frequency (sync to mains)	50Hz ~1Hz	
6	Waveform Type	Pure Sinewave	
7	Nominal Input Voltage	160VAC-270VAC	
8	Voltage on battery	220/230 VAC	
9	Input Frequency	45-65Hz (Autosensing)	
10	Battery Type	12V- Tubular	
11	Typical recharge time	6 hrs. to 90% After complete discharging	
12	Backup Time	60 Mints	
13	Battery MAKE	Standard makes	
14	Alarm Battery Low	Sounds every second	
15	Alarm Overload	Sounds every 0.5 seconds	
16	Transfer time Mains to invertor	5 ms	
17	Operating Environment	0-40C, 0-90%	
18	Operating Relative Humidity	Relative humidity (Non-Condensing)	
19	Audible noise at 1 meter from surface of unit	< 40db	
20	Warranty	1 Year Warranty including batteries	

LOT-2(5) : UPS FOR COMPUTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/100		Qty : 10	
Sl. No.	Item	Brief Specification	Qty.
E	**UPS FOR COMPUTER**		10
1	**CAPACITY**	800 VA, Line interactive UPS	
1.1	Back up time	15-20 minutes	
1.2	Inverter type	MOSFET	
2	**Input**		
2.1	Mains voltage Regulation	170-260 AC Single phase	
2.2	Frequency with tolerance	50Hz, ± 3Hz	
2.3	Battery	Built In UPS	
2.4	Battery AH	as required	
3	**Output**		
3.1	Nominal voltage	220V / 230V AC	
3.2	Voltage Regulation	± 1%	
3.3	Frequency	50Hz ± 1%	
3.4	Wave form	Quasi Sine wave	
3.5	Transfer time	less than 6 m-sec, typical	
3.6	Load power factor	0.6 lag to unity	
4	**OTHER / GENERAL DATA**		
4.1	Ambient Temperature range	0 - 45 deg C	
4.2	Protections	Fuses for Input, Over load, over/under Voltage,	
4.5	Indications	Mains ON, Inverter ON, Battery Low, Overload.	
4.6	Alarms (Audio)	Battery low voltage	
4.7	Power sockets	2 Nos. (5 Amps. capacity)	
4.8	Software	Software for automatic shutdown of the system compatible	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/100		Qty : 10	
4.9	Inverter Efficiency	Minimum 75%	
4.10	Guarantee	1 Year including Battery	

LOT-2(6) : SOFTWARE FOR DESIGNING AND DRAFTING

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/102		Qty : 10	
Sl. No.	Item	Brief Specification	Qty.
F	Autodesk AutoCAD 3D Single user ELD Annual Subscription (Educational) – Pre loaded in work station.- Autocad/Pro-e - Preloaded		10

LOT-2(7) : INKJET PRINTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/103		Qty : 1	
Sl. No.	Item	Brief Specification	Qty.
G	**INKJET PRINTER**		1
1	Cartridge Technology	Two Cartridge	
2	Print Speed (A4)- Mono	20 PPM / higher	
3	Print Speed (A4)- Color	16 PPM / higher	
4	Network Capability	Yes	
5	Wireless	Yes	
6	Simplex	14	
7	Resolution	1200*1200	
8	Paper Size	A4	
9	Paper Tray Capacity	60 Sheets	
10	Number Of Paper Trays	2	
11	Memory	standard	
12	Print Language	PCL 5	
13	Warranty	1 Year	

LOT-2(8) : MULTIFUNCTIONAL PRINTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 5/24		Qty : 1	
Sl. No.	Item	Brief Specification	Qty.
H	Multifunctional printer		1

LOT-2(9) : DESKTOP

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 5/25		Qty : 1	
Sl. No.	Item	Brief Specification	Qty.
I	Intel i5 / 8GB DDR4 / 21.5"Display / 512GB SSD / WIN-11 PRO /1Yr with UPS		1

LOT: 3 – MACHINES AND EQUIPMENT FOR CARPENTARY TRADE

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	4A/1	Claw Hammer	Head Weight: approx. 450g to (approx. 570g)	10
2	4A/2	Crosscut Saw	Blade Length: 500mm to 550mm Teeth Configuration: 7 to 9 TPI (Teeth Per Inch) crosscut profile.	10
3	4A/3	Tenon Saw	Blade Length: 250mm to 300mm Teeth Configuration: 11 to 13 TPI (Fine tooth for clean joinery cutting).	5
4	4A/4	Wood Chisels (Set of 4)	6mm (1/4"), 12mm (1/2"), 19mm (3/4") and 25mm (1").	10
5	4A/5	Mallet (Wooden)		10
6	4A/6	Jack Plane	No. 5 Bench Plane (ideal for sizing and smoothing). High-grade cast iron (gray iron), precision-ground flat sole and sides.	10
7	4A/7	Try Square	150mm to 200mm (6 to 8 inches).	10
8	4A/8	Marking Gauge		10
9	4A/9	Screwdrivers (Set)	Slotted/Flathead: 4mm, 5.5mm, 6.5mm Phillips: PH1, PH2, PH3	10
10	4A/10	Files and Rasps (Set)	1x Flat Wood Rasp (Bastard cut), 1x Half-Round Wood Rasp, 1x Flat Metal/Wood File (Smooth cut), 1x Half-Round Metal/Wood File	10
11	4A/11	C Clamp	100mm (4 inch) and 150mm (6 inch) jaw opening.	10
12	4A/12	Cordless drill	Battery voltage -18 V Chuck Size -13 mm Max. drilling (wood/metal) -35 /10mm Reputed make	5
13	4A/13	Jigsaw	Power input - 650 W Cutting depth in wood -90mm No-load stroke rate - 500 - 3,100 spm Reputed make	2
14	4A/14	Circular Saw Portable	Power input - 1,400 W Saw blade diameter -184 mm No-load speed -5,200 rpm Reputed make	2
15	4A/15	Router	Power input - 1,300 W No-load speed -11,000 - 28,000 rpm Bit holder - 6 - 8.0 mm Reputed make	1
16	4A/16	Sander	Power input- 340 W No-load speed - 4,500 - 12,000 rpm Orbit diameter- 4mm Pad diameter- 150 mm	2
17	4A/17	Angle Grinder	Power input - 750W Reputed make	1
18	4A/18	Dust Collector / Vacuum	Power input - 1,250 W Vacuum pressure - 200 mbar Dust tank capacity – 25 L	1
19	4A/19	CNC Router	Working area - 1300 x 2500 x 300 mm Traveling positioning accuracy - ±0.1 mm	1

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
			Z movement- Ball screw Drive motors – Servo Maximum cutting speed – approx. 25000(mm/min) Body structure - Steel structure	
20	4A/20	Lathe	Height of Centre 200mm Distance between Centres 1200mm Range of Speeds 700 to 2800 rpm Motor Power 1 hp **Features / Accessories**: Revolving Centre Wood Turning Tool's Appropriate Spanners Through Chuck fitted on the Spindle.	1
21	4A/21	Combination Planer	Surfacing capacity- 380 mm Thicknessing capacity – 170 mm Length Of surface Table – 1200 mm Feeding Speed (feet per minute) – 24 FPM Circular saw table size - 610 X 305mm Max.circular saw diameter – 300 mm	1
22	4A/22	Bandsaw	Diameter of saw wheels 450mm Throat depth 400 mm Max cutting capacity 10" inch Blade length 3500 mm Power required 5 Hp **Features / Accessories** Saw Blade 2 Nos. Tool Kit 1 No. Belt 2 Nos.	1
23	4A/23	Circular Saw	Max. circular saw dia. x bore - 350 x 25 mm Work table size - 900 x 700 Circular saw speed (RPM) - 4000 Power required - 5 Hp	1
24	4A/25	Compound Mitre Saw	Power input - 1,750 W Cutting capacity,0° - 90 mm Cutting capacity,45° incline - 130 mm Saw blade diameter - 255 mm	2
25	4A/26	Table Saw	Table size - 640 x 630 mm Saw blade diameter - 254 mm	2
26	4A/27	Belt Sander Portable Pipe Polishing	Power input - 500W Belt Size - 9 x 533 mm	2
27	4A/28	Portable Drum Sander	Power input - 940W Noise K Factor - 3 dB(A)	2
28	4A/29	Portable Planer	Power input - 710 W	2
29	4A/30	Chain Saw		2
30	4A/31	Electric Stapler		2
31	4A/32	Electric Airless Paint Sprayer Gun	Motor size- 5 HP Output pressure – 24 MPa	2
32	4A/33	Laser Distance	Measuring range- 0.05-50.00 M	15

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
		Measurer	Dust and splash protection- IP 65 Measuring range, up to 50 m With Tripod Measurement accuracy - ± 1.5 mm^{d} Reputed make	
33	4A/34	Digital Angle finder	Measurement range -0 – 220° Reputed make	15
34	4A/35	60cm Spirit Level	Reputed make	15
35	4A/36	Measuring tape 5M	Reputed make	30
36	4A/38	Safety Goggles	Reputed make	30
37	4A/39	Dust Masks (Reusable)	Reputed make	30
38	4A/40	Ear Muffs/Plugs	Reputed make	30
39	4A/41	First Aid Kit	Reputed make complying International Standards	2
40	4A/42	Fire Extinguisher (ABC)	Reputed make complying International Standards	1

NOTE: FOLLOWING ITEMS MUST BE INCLUDED WITH THE SCOPE OF SUPPLY FOR THE MACHINE & EQUIPMENT

i. Set of mechanical and electrical spare parts for 2 year normal operation.
ii. Operation/ Service/ Spare parts Manual – 3 set per machine to be included.
iii. Items required for E&C to be supplied with the machine
   a. Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg.
   b. Initial fill of Lubrication Oil packed in separate containers & sealed
   c. Foundation bolts with leveling plates - 1 set

LOT – 4 PROFILE CUTTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 3/22			**Qty : 2 No.**
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
1	**Portable / Mini-Gantry CNC Profile Cutting Machine (Dual Flame & Plasma capability)** along with all standard accessories and Electrical suitable for **380V, 3Phase, 50Hz, AC supply or 220/230V, Single Phase, 50Hz, AC supply**		**2**
1.1	Controller	Industrial-grade 32-bit RISC / ARM-based microprocessor with real-time FPGA multi-task control and hardware interpolation	
1.2	Standards	Fully solid-state electronics utilizing Surface Mount Device (SMD) technology throughout	
1.3	Memory	Minimum 256 MB onboard non-volatile file storage to handle high-density, complex G-code programs	
1.4	User Interface (HMI)	Minimum 7" High-Resolution Color TFT LCD Screen with multi-language interface	
1.5	Operator Assistance	Integrated, context-sensitive built-in help manual for operators	
1.6	Power	DC 24V (±10%), 50/60 Hz	
1.7	Operating Temperature	0°C to +60°C	
1.8	Storage Temperature	-20°C to +60°C	
1.9	Operating Humidity	20% to 95% RH (Non-condensing)	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 3/22			**Qty : 2 No.**
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
1.10	Storage Humidity	Up to 95% RH	
1.11	Controlled Axes	Minimum 3-axis control (X/Y/Z) capable of dual-axis synchronization (gantry drive)	
1.12	Drive Motors & Drivers	High-precision Stepper / Servo drives with micro-stepping / high-subdivision capabilities for smooth motion	
1.13	Max Rapid / Cutting Speed	Variable from 0 to 15,000 mm/min	
1.14	Stroke Range / Travel Limit	Minimum ±99,999.999 mm range	
1.15	Torch Height Control	Motorized Up/Down torch adjustment (Z-axis) for Flame/Plasma torches	
1.16	Cutting Processes	Integrated process algorithms for both Oxy-Fuel (Flame) and Plasma cutting processes	
1.17	Nesting & Pattern Functions	Onboard utilities for Matrix/Array placement, Rectangular grid, and Common-Line / Edge-Sharing cutting	
1.18	Graphical Display	Dynamic real-time graphic trace, cutting path visualization, and reverse/backtrack execution display	
1.19	Data Input & File Format	standard CAD/CAM generated G-code/NC/NCS files directly transferred via USB interface	
1.20	System Backup & Recovery	One-touch system backup and factory restore utility to safeguard parameters and firmware	
1.21	Data Input & File Format	standard CAD/CAM generated G-code/NC/NCS files directly transferred via USB interface	
1.22	Data Transfer	Direct real-time G-code execution directly from USB storage media	
1.23	Effective cutting size	- 1500 x 3000	
1.24	Nesting software	Fast cam	
1.25	Regulator Oxygen	1 No.	
1.26	Regulator LPG	1 No.	
1.27	Gas Pipe for Oxygen & LPG	10 meters each	
1.28	Cutting Nozzle	10 Nos.	
2	Laptop	Suitable latest version Laptop	
3	Operation, Maintenance and spare parts manual 3 Sets per machine		
4	**Set of mechanical and electrical spare parts for 2 years normal operation.** • Please indicate the detailed list of spares in Technical bid without price.		

LOT – 5 MACHINES AND EQUIPMENT FOR PLUMBING TRADE

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	4B/1	Metal Tool Boxes with Learner Hand Tools	Reputed Make suitable for International Standards.	15
2	4B/2	Digging Tools	(Shovel& Spade 1 no each)	15
3	4B/3	Measuring Tapes	(10 m, 20m) and 1m steel rule	15
4	4B/4	Pipe Bender	Size 1/2 to 1 inch	15
5	4B/5	Metal Pipe Threading Machine	Size 1/2 to 2 inch	1

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
6	4B/6	Portable tri stand with yoke pipe vice	Size 1/8 to 2 .5 inch	5
7	4B/7	Portable electric Pipe Threader	Size 1/2 to 1 inch	1
8	4B/8	Pipe Saw stainless steel pipe 165 mm		1
9	4B/9	Rachet type pipe threading	Weight –15.5 inch	5
10	4B/10	Ratchet pipe reamer	Size – 3/8 to 2 inch	10
11	4B/11	Pipe Vice		10
12	4B/12	Chain pipe wrench		10
13	4B/13	Rapid grip pipe wrench	Size – 10 inch	10
14	4B/14	Corner pipe wrench	Size – 10 inch	10
15	4B/15	Tube cutter	Size – 3 to 30 mm	10
16	4B/16	Pipe cutter	Size – 1⁄2 to2 inch	10
17	4B/17	Set of Pumps	Centrifugal Pump, Pressure Booster Pump, Submersible pump	2
18	4B/18	15mm Water Meter		2
19	4B/19	Impact Drill	Rated input power 750 W No-load speed, 1st gear 0 – 3,250 rpm Weight 1.8 kg appox. Rated torque 2.1 Nm Chuck capacity, 1.5 mm min – 13 mm max or more Impact rate at no-load speed 0 – 48,500 bpm Drilling diameter in concrete 16 mm Drilling diameter in wood 25 mm Drilling diameter in steel 12 mm Suitable Drill Bits – 6 nos.	5
20	4B/20	Rotary Hammer	Impact rate at rated speed 0 – 4,000 bpm Rated speed 0 – 900 rpm Impact energy 2.7 J Drilling dia. concrete, hammer drill bits 4 – 26 mm Opt. appl. range concrete, hammer drill bits 8 – 16 mm Drilling dia in concrete with core cutters 16 mm Suitable for Hammer drilling in concrete & Chiselling in concrete Suitable Drill Bits – 5 sets with each machine	2
21	4B/21	Angle Grinder	Rated input power 750 W No-load speed 11,000 rpm appox. Disc diameter 125 mm Suitable Grinding Disc/Cutter- 5 Nos. each machine	5
22	2A/38 & 4B/22	Bench Grinder	Rated input power 600 W Grinding wheel widths 25 mm No-load speed 3,000 rpm appox. Grinding wheel bore 32 mm Suitable Grinding wheel – 1set with each machine & 2 set as spares.	3
23	4B/23	Pillar Drilling Machine	Drilling Capacity in steel – 25 mm No. of spindle speed – 5 Morse Taper in spindle – 3 Dist. between center of spindle and pillar front – 260 mm	1

Project: "Setting up of "Gandhi Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa." in South Africa				
Sl.No.	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
NOTE: FOLLOWING ITEMS (IF ANY) MUST BE INCLUDED WITH THE SCOPE OF SUPPLY FOR THE MACHINE & EQUIPMENT i. Set of mechanical and electrical spare parts for 2 year normal operation. ii. Operation/ Service/ Spare parts Manual – 3 set per machine to be included. iii. Items required for E&C to be supplied with the machine a. Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b. Initial fill of Lubrication Oil packed in separate containers & sealed c. Foundation bolts with leveling plates - 1 set				

LOT: 6 - PEDESTAL DRILLING MACHINE ,PEDESTAL GRINDING MACHINE &POWER HACKSAW

LOT: 6(1)- PEDESTAL DRILLING MACHINE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."		
Ref: Annexure – 3/39	**Qty : 2 No.**	
TECHNICAL SPECIFICATION		
Sl. No.	**Description**	**Qty**
	Pedestal Drilling Machine Gearbox type with all standard accessories and Electrical suitable for 380V, 3Phase, 50Hz, AC supply or 220/230V, Single Phase, 50Hz, AC supply	**2**
1	**Major specifications**	
1.1	Drilling Capacity in Steel — 40 mm	
1.2	Morse taper in Spindle — MT4	
1.3	Spindle Travels — ≥200	
1.4	Pillar diameter — Ø 150	
1.5	Distance between Spindle and Pillar front — ~ 325	
1.6	Max. Distance between Spindle and Table — ~ 575	
1.7	Max. Distance between Spindle and Base — ~1080	
1.8	Table Working Surface — ≥ Ø 390	
1.9	Base Working Surface — ≥ (400 x 350)	
1.10	No. of Spindle Speeds — 5	
1.11	Range of Spindle Feeds — 110 -155 – 225 – 320 – 460 or better	
1.12	Feed — Auto / Hand	
1.13	No. of Spindle Feeds — 3	
1.14	Range of spindle feed — 0.19-0, 285-0.095 or better	
1.15	Power drive motor — 2HP 960rpm	
1.16	Coolant Pump & its fittings — 0.1 Hp	
1.17	Machine Light — Led light or better	
1.18	Colour — Himmel blue & Soft Gray	
1.19	Operation, Maintenance and spare parts manual — 3 Sets per machine	
2	**Accessories:**	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."		
Ref: Annexure – 3/39	**Qty : 2 No.**	
TECHNICAL SPECIFICATION		
Sl. No.	**Description**	**Qty**
2.1	Drill Chuck Reduction Sleeves Machine vice D.O.L Starter Tool Kit	1 Set per machine
3	Items required for E&C to be supplied with each machine a) Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b) Initial fill of Lubrication Oil packed in separate containers & sealed c) Foundation bolts with leveling plates - 1 set	
4	**Set of mechanical and electrical spare parts for 2 years normal operation.** • Please indicate the detailed list of spares in Technical bid without price.	

LOT: 6(2) - PEDESTAL GRINDING MACHINE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 1/84		**Qty : 2 No.**	
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
	Pedestal Grinding Machine with all standard accessories and Electrical suitable for 380V, 3Phase, 50Hz, AC supply or 220/230V, Single Phase, 50Hz, AC supply		**2**
1	**Major specifications**		
	Double ended with dynamically balanced motor with wheel guards having removable end caves		
1.1	Centre distance between wheels	~ 420 mm	
1.2	Height from Base to spindle centre	~ 910 mm	
1.3	Wheel speed	~ 2860 rpm	
1.4	Motor Power	0.6 kW	
1.5	Grinding Wheel size	200 x 25 x 19.05 mm	
1.6	Colour of the Machine	Dual colour: Soft Grey (RAL-7035) and Himmel Blue (RAL-5015) Polyurethane Paint	
2	**Accessories:**		
2.1	DOL starter	1 set each	
2.2	Spark protectors	1 set each	
2.3	Spare vitrified bonded grinding wheels	1 set each– 5 nos	
2.4	Service Tool set	1 set each	
3	Operation, Maintenance and spare parts manual	3 Sets per machine	
4	Items required for E&C to be supplied with each machine a) Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b) Initial fill of Lubrication Oil packed in separate containers & sealed c) Foundation bolts with leveling plates - 1 set		
5	**Set of mechanical and electrical spare parts for 2 years normal operation.** • Please indicate the detailed list of spares in Technical bid without price.		

LOT: 6(3) – POWERHACKSAW

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/85 & 3/42		Qty : 2	
Sl. No.	**Item**	**Brief Specification**	**Qty.**
A	**Hydraulic Power Hacksaw Machine** with all standard accessories and Electrical suitable for 400V, 3Phase, 50Hz AC supply and control Voltage 230V, 1 phase AC supply.		2
1	**Major Specification:**		
1.1	Maximum dimension of material cut	200 mm	
1.2	Cutting Speeds	3 range -80/100/125 Strokes/min	
1.3	Hacksaw blade size	400 x 32 x 1.6 mm	
1.4	Motor Power	0.75 kW	
1.5	Coolant Motor Power	0.1 kw	
1.6	Colour of the Machine:	Dual colour: Soft Grey (RAL7035) and Himmel Blue (RAL5015) Polyurethane Paint	
2	**Required Accessories / Spares**		
2.1	Coolant pump motor and pipe fittings	1 set	
2.2	Control panel	1 set	
2.3	Adjustable material stop	1 no.	
2.4	Blade fitted on the m/c	1 no.	
2.5	Spare Blade	5 nos	
2.6	Service Tool set	1 set	
2.7	Bundle jaw	1 no.	
2.8	Adjustable material stand	1 no.	
3	Operation, Maintenance and spare parts manual- 3 Sets each		
4	Items required for E&C to be supplied with each machine – 1 Set each a) Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b) Initial fill of Lubrication Oil packed in separate containers & sealed c) Foundation bolts with leveling plates - 1 set		
5	Set of mechanical and electrical spare parts for 2 years normal operation. – 1 Set each **Please indicate the detailed list of spares in Technical bid without price.**		

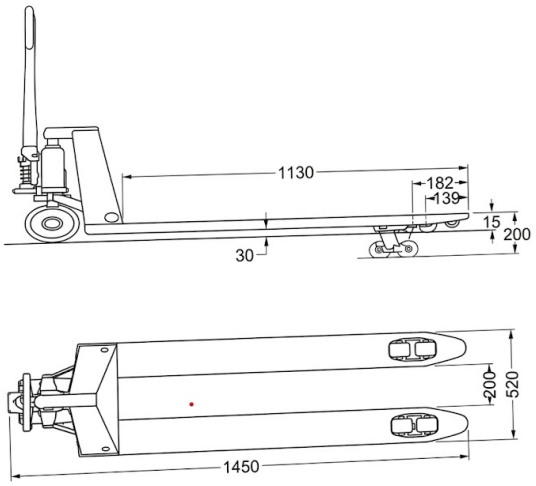
LOT: 6(4) - HACKSAW BLADES

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.		
Ref No. Enclosure – 2A/202	**Qty : 16**	
B	**Hacksaw Blades- 400 x 32 x 1.6 mm (Suitable for the above machines)**	**16**

LOT – 7 MATERIAL HANDLING AND OTHER EQUIPMENT FOR COMMON FACILITY WORKSHOP

LOT: 7(1, 2 & 3) - PALLET ROLL AND PALLET CRANE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.					
Sl. No	**Encl. Ref.**	**Item**	**Brief Specification**		**Qty**
1.	1/159	Pallet Roll 1 T	**Lifting Capacity** **Type** **Capacity(kg)** **Lifting Speed**	1- 1.5 Ton Hand Operated 1000kg - 1500 Kg ~70 mm/sec	2

Sl. No	Encl. Ref.	Item	Brief Specification	Qty
			Minimum Lift Height ~80 mm **Maximum Lift Height** ~200 mm **Fork Width / Span** ~550 mm **Fork Length** ~1150 **Lift Mechanism** Hydraulic Hand Pump **Wheel Material** Nylon **Sheet Thickness** 4 mm **Front Wheel Dia** ~80X70 mm **Rear Wheel Dia** ~180X50 mm **Paint** PU / Powder coated yellow **Push / Pull** Manual	
2	2B/161	Pallet Roll 2.5 T	 **Capacity** 2500 kgs **Fork (L X W)** 1130 X 520 mm **Min height** 90 mm **Min distance b/w fork bottom & floor** 30 mm **Max height** 200 mm **Pallet sheet** 3 mm **Piston** Hard chrome plated & polished **Hydraulic system** Double sealed high pressure polyurethane packing **Steering handle** To enable fatigue less operation **Rear Wheels** 2 nos UHMW material 180 mm dia 50 mm wide wheels with double sealed ball bearing **Nose wheels** To facilitate easy entry into double layered pallets 1 no. on each fork dia 40 mm nylon make **Hydraulic system** Lifting movement should be more than 10 mm per stroke **Paint** PU / Powder coated yellow	2
3	1/160	Pallet	**Pallet Crane Manual -** 3 Ton Capacity	1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Encl. Ref.**	**Item**	**Brief Specification**	**Qty**
		Crane	**Hydraulic** **Load Capacity** 3 Ton **Height of Lift** Max / Min: 2600 / 500mm **Type of Lifting** Hydraulic - Manual **Type of Lowering** Manually through Valve **Type of Hydraulic Cylinder** Single Acting - Reputed ISO Make. **Type of Pump** Reputed ISO Make **Lifting Speed (Min)** 3m/min **No. of Extensions of Boom** 3nos. **Lifting Load** 1 Ton, 2 Ton, 3 Ton **Operation / Maintenance / Spare Parts Manual** 1 set **Colour** PU EPOXY Paint Red  **Representational Image for Pallet Crane – 3 Ton**	

LOT: 7(4) – AIR COMPRESSOR

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 1/143		**Qty : 1 No.**	
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
	Rotary Screw Air Compressor (Tank Mounted) with all standard accessories suitable for 3-Phase, 400 V, 50 Hz AC supply.		**1**
1	**Major specifications**		
1.1	Capacity	35 CFM or better	
1.2	Operating Pressure	8 Kg/cm²	
1.3	Motor Power	10 HP	
1.4	Starter	Star Delta/DOL	
1.5	Type of cooling	Air Cooled	
1.6	Volume of Air Receiver (Tank Capacity)	250 Litres	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 1/143		**Qty : 1 No.**	
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
2	**Accessories**		
2.1	Dryer, Pre & After Filters	Integrated (Electrical connection of the Dryer 1/ 3 phase must be integrated with common electrical console.	
2.2	Sound Level	< 70 dB	
2.3	Air Oil Separation	< 4 PPM	
2.4	Service Toolkit	1 Set	
2.5	Operation, Maintenance and spare parts manual	3 Sets per machine	
3	Colour	Standard	
4	• **Set of mechanical and electrical spare parts for 2 years normal operation.** Please indicate the detailed list of spares in Technical bid without price.		
5	Items required for E&C to be supplied with each machine a) Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b) Initial fill of Lubrication Oil packed in separate containers & sealed c) Foundation bolts with leveling plates - 1 set		

LOT: 7(5 & 6) - SURFACE PLATES & CAST IRON ANGLE PLATES

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 1/130		**Qty : 2 No.**	
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
A	**Granite surface plate with stand:** Surface Table, Granite make with dismantle type MS stand with leveling facility.		**2**
1	**Major specifications**		
1.1	Size	1000 L x 1000 W mm	
1.2	Material	Good quality, close grained uniform textured, hard and wear resistant Granite Surface Plate	
1.3	Grade	0	
1.4	Flatness accuracy	5 Microns	
1.5	Specification	As per IS 7327 - 2003	
1.6	Protection Cover	Rexine	
2	**Requirement**		
2.1	Lifting facility to be provided for the granite surface table		
3	**MS Stand**		
3.1	Dismantle type rigid MS stand with flat metal shoes		
3.2	Provision for leveling		
3.3	Total work height including Surface Table — 850 mm		
3.4	Painting — Powder coated — Standard colour		
Ref: Annexure – 1/156		**Qty : 2 No.**	
B	**Cast Iron angle plate with T - slots**		**2**
1	**Major specifications**		
1.1	Size	250x200x150mm or 250 x 250 x 150 mm	
1.2	Material	Good quality, close grained with high density alloyed Cast Iron casting conforming to FG 220 as per IS -210 - 1993	
1.3	Type	Both sides slots for M10	

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref: Annexure – 1/130		**Qty : 2 No.**	
TECHNICAL SPECIFICATION			
Sl. No.	**Description**		**Qty**
1.4	Flatness accuracy	8 Microns or better	
1.5	Specification	As per IS 2554 — 1995	
1.6	Squareness of Exterior faces	15 Micron or better	
1.7	Squareness of End faces	18 Micron or better	
1.8	Parallality	18 Micron or better	
1.9	Hardness Between	170 to 220 BHN	
2	**Requirement**		
2.1	Well ribbed to minimize distortion.		
2.2	Stress relieved to relieve internal stresses.		
2.3	T slots conforming to IS		
2.4	Provide "I" Bolt at the point of center of gravity for easy handling.		
2.5	OKS-CORTEC VCI 369N - Rust preventive coating to be applied on scrapped surface.		

LOT: 7(7) – HARDNESS TESTER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/142		Qty : 1	
Sl.No.	**Description**	**Brief Specification**	**Qty**
	Item: Hardness Testing Machine with all standard and required accessories		1
1.	Technical Specifications:	Rockwell Type	
1.1	Test Loads	60, 100, 150 kgf	
1.2	Initial Load	Min. 10 kgf	
1.3	Max. Test height	>200 mm	
1.4	Depth of throat	>100 mm	
1.5	Max. depth of elevating screw below base	>230 mm	
2.	Required Features / Accessories		
2.1	Testing Table	Min . 50 mm dia.	1 No.
2.2	Testing table	35 mm dia with "V" groove for round jobs upto 45 mm dia.	1 No.
2.3	Diamond Indenter	1200	1 No.
2.4	Steel Ball Indenter	1/16"	1 No.
2.5	Test Block	Rockwell 'C'	1 No.
2.6	Test Block	Rockwell 'B'	1 No.
2.7	Clamping Device		1 No.
2.8	Rubber bellow for elevating screw protection		1 No.
2.9	Set of Service Tools		1 Set
3	Set of Operation, Maintenance and Spare Parts Manual		3 Sets
4	Set of mechanical and electrical spare parts for 2 years normal operation. – 1 Set each **Please indicate the detailed list of spares in Technical bid without price.**		1 Set
5	Colour of equipment :	Standard	
6	Items required for E&C to be supplied with each machine – 1 Set each a) Touch up paint – 1/2 litre each, Brush- ½" – 2 nos., Cora cloth - 2 meters, Cotton waste - 1 kg. b) Initial fill of Lubrication Oil packed in separate containers & sealed c) Foundation bolts with leveling plates - 1 set		1 Set

LOT-8 TOOLS FOR REFRIGERATION & AIR CONDITIONING

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS), Majuba, South Africa." in South Africa				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
1	2B/25	Wrench adjustable	Length 150 mm	4
2	2B/26	Pipe wrench	Size 50 & 150 mm	1
3	2B/27	Torque wrench	300 mm 12.7 mm square drive right and left hand	1
4	2B/29	Socket set reversible ratchet 12.7 mm square drive with extension 4.7 to 31.2 mm		3
5	2B/40	Screw driver plastic handle 6 mm tip length	100, 150 mm	20
6	2B/41	Philips screw driver	Complete set in leather case	2
7	2B/42	Screw driver plastic handle 3 mm tip length	100 and 150 mm insulated	2
8	2B/43	Plier combination insulated	Length 200 mm	2
9	2B/44	Pliers long nose	Length 200 mm	5
10	2B/45	Pliers flat nose	Length 150 mm	5
11	2B/46	Hammer ball pin	450 gms	5
12	2B/47	Hammer Nylon	300 gms	5
13	2B/48	Engineers rule	300 mm.	1
14	2B/49	Tape measuring 10 m graduation in mm		1
15	2B/50	Tape measuring 2 m graduation in mm		2
16	2B/51	Chisel flat	Length 150 mm	4
17	2B/52	Hack-saw tubular metal frame adjustable		4
18	2B/53	Scriber	150 mm length	4
19	2B/54	Divider spring joint	Length 150 mm	4
20	2B/55	Caliper spring joint outside	150 mm	4
21	2B/56	Caliper spring inside	150 mm	4
22	2B/57	Caliper odd leg spring joint	Length 150 mm	4
23	2B/58	Centre punch	Length 100mm	4
24	2B/59	Oil can pressure type	1 Liter	2
25	2B/60	File flat medium double cut	Length 150 mm	4
26	2B/61	File half round medium double cut	Length 200mm	4
27	2B/62	File half round fine double cut	Length 150mm	4
28	2B/63	File round fine double cut	Length 150 mm	4
29	2B/64	File flat fine double cut	Length 150 mm	4
30	2B/65	File square fine double cut	Length 150 mm	4
31	2B/66	Engineers square	200 mm long	2
32	2B/67	Soldering Iron exchangeable copper tip 65 watts		2
33	2B/70	Puller 3 legged with flexible arm 120 mm		1

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS), Majuba, South Africa." in South Africa				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
34	2B/71	Puller 2 legged with flexible arm 300 mm		1
35	2B/72	Hand blower portable		1
36	2B/73	Sprit level Precision	Metallic 200 mm	1
37	2B/74	Plumb weight	200 mm	1
38	2B/75	Snipper sheet metal straight nose	200 mm	1
39	2B/76	Tap set with matching drills	3 mm to 16 mm	1
40	2B/77	Tap set matching drills	1/4" to 5/8"	1
41	2B/78	Tap set matching drills	1/4" to 5/8" size	1
42	2B/79	Tap and die set	3 mm to 16 mm size	1
43	2B/83	Electrical drill portable with chuck and key capacity 6 mm.		2
44	2B/84	Oxy-Acetylene welding set complete with cylinders regulators welding torches with difference nozzles		1
45	2B/85	Gas cylinder truck two wheel type		1
46	2B/86	Line tester	500 volts heavy duty	4
47	2B/87	Tong tester	0-10-30 amps 0-500 volts (Clamp on Multimeter)	4
48	2B/88	Knife folded	Stainless steel 150 mm	4
49	2B/89	Voltmeter AC/ DC portable precision grade teak wood case leather belt 0 to 5 volt		7
50	2B/90	Ammeter AC/DC portable precision grade teak wood case leather belt 0t to 5 volt		5
51	2B/91	Ammeter AC/DC portable precision grade teak wood case leather belt 0 to 30 amp		5
52	2B/92	Megger	1000 Volt	1
53	2B/93	Varic in put 230 Volt output 400 volt amp. Portable complete with meters and controls		1
54	2B/94	Wattmeter multi range up to 1 KW		1
55	2B/95	Wattmeter multi range up to 5 KW		1
56	2B/96	Multimeter – Analog type		5
57	2B/97	Multimeter-Digital type		2
58	2B/98	Tachometer digital multi grade 0 to 3000 rpm portable small size in leather case		1
59	2B/99	Transistor tester		1
60	2B/100	RLC Bridge		1
61	2B/101	Stop Watch		1
62	2B/102	Filler gauge	0.05 mm-1 mm	1
63	2B/103	Wire gauge metric and with worth		1
64	2A/74	Tacho meter with stop watch	Digital	3

LOT: 9 - SET OF TOOLS AND CONSUMABLES FOR MILLWRIGHT

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
1	2A/32	Cordless Drilling Machine (Rechargeable Battery Type)		5
2	2A/36	M.C.B.	16 Amps 2pole 250v, 16Amps 3pole 500v, Qty One each	1
3	2A/39	Rawl plug tool & bit	Of Nos 6, 8, 10, 12	8
4	2A/40	Pulley puller		2
5	2A/42	Thermometer	0 to 100 deg. centigrade	2
6	2A/43	Scissors blade	150 mm	2
7	2A/44	Crimping tool set	Bootlace, D-sub, heavy duty with 8mm square	8
8	2A/45	Wire stripper	125mm	8
9	2A/46	Try square	150 mm blade	8
10	2A/47	Outside caliper	150 mm	8
11	2A/48	Insider caliper	150 mm	8
12	2A/49	Divider	150 mm,	8
13	2A/50	Pliers nose- set	round & straight of sizes 150mm, 200mm	8
14	2A/51	Tweezers		8
15	2A/52	Snip Tin cutter	300mm	8
16	2A/53	Straight Shank Drill set	assorted sizes and shapes	8
17	2A/54	Wire Gauge		8
18	2A/55	Files	Assorted sizes and shapes	8
19	2A/56	Soldering iron - set	25 watt, 65 watt & 125 watt copper tip	8
20	2A/57	Desoldering gun		8
21	2A/58	Pipe cutter	25 mm, 50mm capacity	8
22	2A/59	Stock and die set	For 20 mm to 50 mm G.I. Pipe	2
23	2A/60	Plane Smoothing cutter	50mm size	2
24	2A/79	Relays - set	Over current, Under voltage, Over voltage, Leak current	1
25	2A/102	Pliers insulated	combination, side cutting, long nose 150mm	8
26	2A/103	Screw driver set	double end	8
27	2A/104	Centre punch	100 mm x 4 mm	8
28	2A/105	Knife Electrician		8
29	2A/106	Screw driver with Neon light tester	3.5 mm width x 100 mm length	8
30	2A/107	Scriber	150 mm x Ø 4mm	8
31	2A/108	Pincer	150 mm	8
32	2A/110	Electrician tool kit	Set consisting of assorted tools	5
33	2A/127	High speed drill set	1mm to 6 mm (11 pieces in each)	2
34	2A/128	Professional swing arm magnifying lamp for Electronic workshop	With multi position-G-clamp mounting bracket	4
35	2A/129	Socket set	09 Square drive sockets size 4.5 - 12 mm, 8 " reversible handle, 3" extension bar	2
36	2A/130	Electric hand drill machine with hammer action	230V, 50Hz, chuck, 600W capacity 01mm - 13 mm	2
37	2A/132	Neon Tester with insulated handle	Above 100 V	2
38	2A/153	Tap handle 200 mm	200mm long 4-12mm tap capacity	8
39	2A/197	Shim stock Roll	0.05, 0.1,.0.2,0.25, 0.3, 0.4, 0.45, 0.5, 0.55, 0.6, 0.7, 0.75, 0.8, 0.9, 1mm set of shims	16

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. No	**Annex Ref.**	**Item**	**Brief Specification**	**Qty**
40	2A/198	Set of screws, bolts, nuts and Washer		16
41	2A/199	Set of Drill Bits	straight shank, Counter-bore drill	16
42	2A/200	Set of Reamers	straight Reamer & Taper Reamer	16
43	2A/201	Set of Taps	M6, M8, M10, M12	16
44	2A/203	Ready bar (1000mm)	M8 - 2 nos ,M1O - 2 nos , M12 - 2 nos	6
45	2A/204	Cleaning rags per kg		16
46	2A/205	Copperslip (500g)	Copperslip (500g)	16
47	2A/206	Chalk sticks (box)	Chalk sticks (box)	16
48	2A/207	Pens - black ball point (box)	Pens - black ball point (box)	16
49	2A/208	Masking tape 25mm (roll)	Masking tape 25mm (roll)	16
50	2A/209	Gasket sealer (Tub)	Gasket sealer (Tub)	16
51	2A/210	Personal Protective Clothing		16
52	2A/211	Safety Gloves		16
53	2A/212	Safety Boots		16
54	2A/213	Safety Goggles		16
55	2A/214	Safety helmet		16
56	2A/215	Respirator / Dust Musk		16

LOT: 10 (1, 2 & 3) - SET OF WORK HOLDING DEVICES & OTHER TOOLS

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.			
Ref No. Enclosure – 1/162, 1/62,1/127		Qty: 1 Lot	
Sl. No.	Item	Brief Specification	Qty.
10(1)A	WORK HOLDING DEVICES For HMT make FN2U with T-slot 16 mm		1 Lot
1	FLAT STRAP CLAMPS for M16 BOLT, IS:4292		
	Size : M16 x 100		10
	Size : M16 x 125		10
2	HEAVY DUTY PLAIN WASHER for M16 BOLT, DIN : 6340		
	Size : 45 x 17 x 6		25
3	HEAVY DUTY C – WASHER for M16 BOLT, IS:4291		
	Size: 56 x 17 x 12		12
4	SUPPORTING HEIGHT PLATES		
	Plate Size:50W x 60L x 4T		5
	Plate Size:50W x 75L x 4 T		5
5	SCREW JACK WITH STEEL BODY		
	Material : Body and spindle – medium carbon steel, heat treated blackened.		
	Threads : Trapezoidal		
	Stopper provided to avoid accidental dis-engagement of spindle during operation.		
	(a) Range : 50 – 70mm		2 sets
	(b) Range: 70 – 100mm		2 sets
6	Nut – M16 - Toughened		12
10(1)B	WORK HOLDING DEVICES For VMC MACHINES with T-slot 14 mm		
1	FLAT STRAP CLAMPS for M14 BOLT, IS:4292		
	Size : 16 x 125		2
	Size : 16 x 160		2
2	PLAIN CLAMP for M14 Bolt, IS: 6081		
	Size: 16 x 100		2
3	FORGED T – BOLT, IS:2014		

	Size : M14 x 100	5
	Size : M14 x 125	5
4	HEAVY DUTY PLAIN WASHER for M14 BOLT, DIN : 6340	
	Size : 45 x 15 x 6	12
5	HEAVY DUTY C – WASHER for M14 BOLT, IS:4291	
	Size: 56 x 15 x 12	5
6	SUPPORTING HEIGHT PLATES	
	Plate Size:50W x 60L x 4T	3
	Plate Size:50W x 75L x 4 T	3
7	EXTENSION NUT suitable for M14.	
	Size: M14 x 48L	2
8	Nut – M14 - Toughened	12
10(1)C	WORK HOLDING DEVICES For Drilling, with T-slot 12 mm	
1	FLAT STRAP CLAMPS for M12 BOLT, IS:4292	
	Size : 14 x 100	2
	Size : 14 x 125	2
2	PLAIN CLAMP for M12 Bolt, IS: 6081	
	Size: 14 x 80	2
3	FORGED T – BOLT, IS:2014	
	Size : M12 x 100	5
	Size : M12 x 125	5
4	HEAVY DUTY PLAIN WASHER for M12 BOLT, DIN : 6340	
	Size : 35 x 13 x 6	10
5	HEAVY DUTY C – WASHER for M12 BOLT, IS:4291	
	Size: 40 x 13 x 9	10
6	SUPPORTING HEIGHT PLATES	
	Plate Size:50W x 60L x 4T	4
	Plate Size:50W x 75L x 4 T	4
7	EXTENSION NUT suitable for M12.	
	Size: M12 x 38L	2
8	Nut – M12 - Toughened	12
10(2)	Slot Drill 10 mm	8
10(3)	Thread Plug & Ring Gauge Set	5

LOT – 11 MACHINES AND EQUIPMENT TO BOILER MAKER

LOT – 11(1) CUTT OFF MACHINE

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Annex. Ref: 3/38		Qty: 5 nos.	
TECHNICAL SPECIFICATION			
Sl. No.	Item	Brief Specification	Quantity
11(1)	**Cut Off Machine** with all standard accessories and Electrical suitable for **380V, 3Phase, 50Hz, AC supply or 220/230V, Single Phase, 50Hz, AC supply**		5
1	Major specifications		
1.1	Blade Diameter	12"	
1.1.1	Arbor	1"	
1.1.2	Max. Cutting Capacity (at 90°)	4-1/2"	
1.1.3	Max. Cutting Capacity (at 45°) :	3-1/2"	
1.1.4	No Load Speed	1,300 RPM	
1.1.5	AMPS	15	
1.1.8	Max. Cutting Capacity at 90° (aluminum)	4-1/2"	
1.1.9	Max. Cutting Capacity at 90° (mild steel)	4-1/2"	
1.1.10	Max. no load speed	1,300 RPM	
1.1.11	Power Type	Corded	
1.1.12	Power Tool Product Type	Corded	
2	Colour of machine :	Standard	
3	**Set of mechanical and electrical spare parts for 2 year normal operation. (Each machine 1 Set)** Please indicate the detailed list of spares in Technical bid without price.		1 Set
4	Operation, Maintenance and spare parts manual		3 Sets

LOT – 11(2 &3) GRINDING MACHINES

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref No. 3/40- Grinder Portable (Big)			**Qty : 2 No.**
TECHNICAL SPECIFICATIONS			
Sl. No.	**Description**		**Qty**
11(2)	GRINDER PORTABLE (BIG)		**2**
1.1	Rated Power Input	2200 W	
1.2	Disc Diameter	230 mm	
1.3	No Load Speed	≥ 6,500 RPM	
1.4	Spindle Thread	M14	
1.5	Switch Type	Trigger Switch	
1.6	Restart Protection	Yes	
1.7	Power Supply	220–240 V, 50 Hz	
1.8	Overload Protection	Yes	
1.9	Weight	≥ 5.2 kg	
1.10	Spindle Lock	Yes	
1.11	Wheel Guard	Tool-less Adjustable/ Adjustable	
1.12	Insulation Class	Double Insulated	
1.13	Suitable Grinding Disc/Cutter- 5 Nos. each machine		
Ref No. 3/41- Grinder Portable (Small)			**Qty : 5 No.**

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."			
Ref No. 3/40- Grinder Portable (Big)		**Qty : 2 No.**	
TECHNICAL SPECIFICATIONS			
Sl. No.	**Description**		**Qty**
11(3)	GRINDER PORTABLE (SMALL)		5
2.1	Rated Power Input	720 W	
2.2	Wheel Diameter	115 mm	
2.3	No Load Speed	≥ 11,000 RPM	
2.4	Spindle Thread	M14	
2.5	Switch Type	Slide Switch	
2.6	Spindle Lock	Yes	
2.7	Side Handle	2 Position	
2.8	Weight	≥ 1.7 kg	
2.9	Power Supply	220–240 V, 50 Hz	
2.10	Suitable Grinding Disc/Cutter- 5 Nos. each machine		

LOT-11(4-14) : CUTTING TOOLS FOR BOILERMAKER

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa.				
Sl. #	**Annex. Ref.**	**Description**	**Brief Specification**	**Qty**
11(4)	3/52	Welding rods	Diameters: 2.5 mm, 3.2 mm, 4.0 mm, 5.0 mm Standard Length: 350 mm to 450 mm	15
11(5)	3/53	Cutting nozzle	Orifice Sizes: Size 0, Size 1, Size 2, Size 3, Size 4 (To cut plate thickness from 3 mm up to 100 mm)	15
11(6)	3/54	Leather apron	Assorted	30
11(7)	3/55	Safety boots	UK/India Sizes: 6, 7, 8, 9, 10 (EU 39–46)- 6 pair each	30
11(8)	3/56	Protective clothing	Fighting Clothing Fire Suit	30
11(9)	3/57	Safety goggles / Face shield	Shield Eye Protection Safety	30
11(10)	3/58	Welding Helmet	arc weld flip front helmet	30
11(11)	3/59	Spats	Chrome Leather Ankle Spats	30
11(12)	3/60	Leather gloves	Chrome Leather Welding Gloves Double Palm 8" Premium	30
11(13)	3/61	Cutting Goggles	Flip Front Welding Goggle	30
11(14)	3/62	Ear muffs / Ear Plugs	ABS Fold-Up Earmuff	30

LOT-11(15-18) : EQUIPMENT & CONSUMABLES FOR BOILER MAKER

Project: Setting up of "Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa			
Sl. No.	**Annex. Ref.**	**Description**	**Qty**
11(15)	3/43	Pipe bender to produce sets, offsets, multiple bends etc. in tubes of 15 and 22mm	2
		Features	

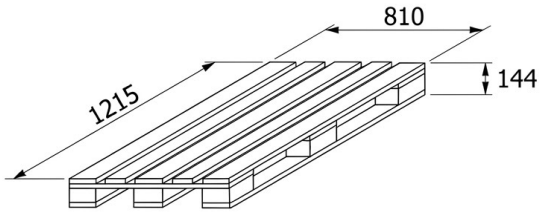
Project: Setting up of "Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa			
Sl. No.	**Annex. Ref.**	**Description**	**Qty**
		Portable, robust and easy to use.	
		Complete with all bending guides.	
		All formers and guides to be supplied in storage case	
		First fill of Oil/ grease (if any) shall be supplied with the machine.	
11(16)	3/11	Sanding pad 50mm wide- Assorted Grade	15
11(17)	3/21	Portable straight line cutter	5
11(18)	3/23	Contour Marker -- 11/2 in -18 in pipe capacity	5

LOT – 12 MISCELLANEOUS ITEMS FOR COMMON FACILITY WORKSHOP

LOT – 12(1) - SET OF WOODEN PALLETS

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS)", Majuba, South Africa."	
Ref No. 1/163 - Set of Wooden Pallets	**Qty : 1 Lot**

Description	Qty
➢ Pallets are to be chemically treated — Fumigated ➢ Gap between planks: 20 mm	**10**



Dimension	:1215 L x 810 B x 144 H mm
Wood	:Silver Oak
Plank thickness (Top)	:25 mm
Plank thickness (Bottom)	:20 mm
No. of planks	:5

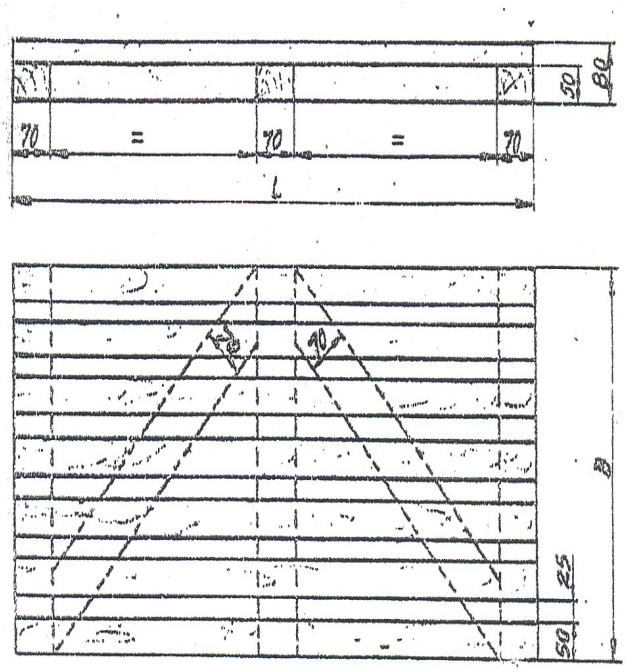
All dimensions are in mm

LOT – 12(2) - MISCELLANEOUS

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS), Majuba, South Africa."			
Ref No. Enclosure –1/184			
Sl. #	**Description**	**Brief Specification**	**Qty**
1	Chemical Anchor	M8 X 100 Stainless Steel Chemical Anchor Stud with matching nut and washer	30 nos
2	Chemical Anchor	M10 X 110 Stainless Steel Chemical Anchor Stud with matching nut and washer	30 nos
3	Chemical Anchor	M12 X 120	30 nos

Project: "Setting up of Gandhi-Mandela Centre of Specialisation for Artisan Skills (GMCOS), Majuba, South Africa."			
Ref No. Enclosure –1/184			
Sl. #	**Description**	**Brief Specification**	**Qty**
		Stainless Steel Chemical Anchor Stud with matching nut and washer	
4	Chemical Anchor	M14 X 150 Stainless Steel Chemical Anchor Stud with matching nut and washer	30 nos
5	Chemical Tube	M8 Glass Chemical Resin Capsules Drop in type	30 nos
6	Chemical Tube	M10 Glass Chemical Resin Capsules Drop in type	30 nos
7	Chemical Tube	M12 Glass Chemical Resin Capsules Drop in type	30 nos
8	Chemical Tube	M14 Glass Chemical Resin Capsules Drop in type	30 nos
9	Hammer Drill	700 W or above	1 No
10	Drill Bits for Hammer Drill	Masonry / Concrete 10 mm 12 mm, 14 mm, 16 mm,18 mm	5 nos each
11	Foot Boards for machines	As per Below Diagram and description	15 sets

Foot Boards for machines



Features
Wood :Deodar / Benteak (Nandi) / Silver Oak
Joints :All joints to be nailed
Footboards are to be chemically treated - Fumigated

Sl. No.	L	B	No. of planks	Total Qty
1	1000	500	7	15
2	2000	800	11	15

End of Enclosure - I