OFFICE OF THE PRINCIPAL GOVT I.T.I. BALODABAZAR

DIST. – BALODABAZAR BHATAPARA, CHHATTISGARH

Phone No. 07727-203385, E-mail – itibbzr@rediffmail.com

Tender No. - ---------- Dated ----------

NOTICE INVITING TENDER- 5TH

Principal, ITI BALODABAZAR, Chhattisgarh invites Sealed tender from eligible bidders (Manufacturers, or their authorized dealer) for procurement of various Packages of Tools, Equipments & Machinery for Center of Excellence related to "PRODUCTION & MANUFACTURING" Sector under World Bank assisted Vocational Training Improvement Project (VTIP) in Shopping Mode.

The tender form (complete set of bidding documents along With the packages including details of Items with quantity for purchase) is available on the website **www.cgstate.gov.in,** from 03-02-2014. A complete set of bidding documents may be downloaded free of cost by any interested eligible bidder

The sealed tender should reach the office of the Principal, ITI BALODABAZAR, Chhattisgarh on or before 03-03-2014 by 13.00 hours and Will be opened on the same day at 14.00 hours. Any bid received after the deadline for submission of bids as prescribed above will be rejected and returned to the Bidder. The undersigned has all the rights pertaining to the tender.

Principal,
Govt. I.T.I. BALODABAZAR

OFFICE OF THE PRINCIPAL GOVT I.T.I. BALODABAZAR

DISTT. - BALODABAZAR BHATAPARA , CHHATTISGARH

Phone No. 07727203385, E-mail - _____

Tender No. - _____ Dated _____

World Bank Assisted Vocational Training Improvement Project

TERMS & CONDITIONS OF THE TENDER

Tender documents/ Qualification requirements should be submitted in **Main envelope** as given below :

1. On the top of Main envelop mention Tender No., Due Date, all package nos. & names for which Bid are submitted.
2. Following documents should be kept inside the envelope :
   1. Covering letter for submission of Bid Which should indicate –
      - Index for all the Submitted documents for the tender
      - All particulars of Bidders viz address, phone No., e-mail, name of the authorized person(s), TIN/TAN/ Service Tax No. etc. for correspondence.
      - Package Nos. & name for Which Bid is submitted.

   2. completely filled form – "A" with signature & seal of authorized person which includes. Earnest Money/ Bid Security details - @ 3% of total tendered value. **Tendered received without form "A" duly signed (As token of acceptance of tender conditions by the tenderer) will not be accepted.**

   3. Demand Draft/ bank guarantee (as given in the proforma Annexure-III) for earnest money/ bid security.

   4. All the pages of **Terms & Condition of Tender** duly signed & stamped by tenderer in token of his acceptance of tender conditions along with other documents.

   5. Valid certificates related to TIN / TAN / Service tax no. VAT Clearance, etc. issued by competent Govt. authority pertaining to tender.
   6. Undertaking for "After Sales Service" on letter head of bidder.
   7. **Affidavit in prescribed format as given in Annexure – V on non judicial stamp paper of Rs. 50/- certified by Notary.**
   8. Manufacture's Company Profile showing its product range, turn over, web-address and certificate like ISO/ ISI etc. along with the documentary proof of such certificates if company/ products bear such certificate.
   9. All relevant particulars, illustrative catalogue/brochures etc. which should indicate the products technical specification for all packages which is submitted in the bid.
   10. Filled Manufacturer's Authorization Form as given in SECTION XII (Annexure-VI) for all the quoted items.
   11. Package -wise Commercial Bid in prescribed format (i.e. Annexure-I) should be submitted (separated for each package)in individual envelope along with the soft copy in CD (MS-Excel).
   12. On the top of each envelope of Commercial bid, bidder should clearly mention Tender No, Due Date, Package No. and Package Name with seal &sign of bidder .

3. Complete tender document must be duly singed, stamped, pages, & indexed by the bidder. **Unsigned or unpaged bids shall be straightway rejected.**

4 . The bid would be evaluated separately for each item.

5. Either a manufacture or their authorized dealer can bid for a package (s). for each of the quoted items, appropriate documentary evidence for being a Manufacturer or of their authorized dealer (Manufacturer's Authorized Form given in SECTION XII as Annexure-VI) submitted necessarily. In absence of the above the bid will be treated non-responsive & likely may be rejected.

6. If bided items are manufactured out of India then manufacturer's authorized distributor/agency for India may specially authorize a dealer who may participate in this tender The relevant certificates in proof of such Authorizations and manufacturing must be submitted.

7. The bid should be accompanied by Earnest Money/ bid security of @ 3% of total tendered value (for all packages) as part of the bid, in the form of Bank Draft/ Bank Guarantee of Schedule Bank. Bank Draft should be in favour of Principal, ITI BALODABAZAR, DISTT.-BALODABAZAR payable at **BALODABAZAR**, Chhattisgarh. If the bidder deposits earnest money/ bid security in the form of Bank Guarantee, he/she shall furnish the same to the Principal, ITI BALODABAZAR for 3% of total tendered value through a bank guarantee by a nationalized bank in the prescribed proforma as Annexure-III. Earnest Money submitted in any other form will not be accepted and the tender will be rejected. Unsuccessful bidder's earnest money will be discharged/returned as promptly as possible.

8. The bidder should submit the Manufacturer's Make/Brand name being use for marketing and registration no. of Commercial Tax Department.

9. Prices shall be quoted in Indian rupees only. All quoted rates should be for **new and unused** items unless and otherwise specified so.

10. The Technical specification of the Items given in the packages are as per requirements of the curriculum of the related sectors/trades. Bidder may give equivalent/ superior specification as manufactured along with the Technical details /catalogue/brochure etc.

11. Complete Tender Documents will be opened on the prescribed date and time in the presence of bidders/ representatives Who choose to attend. The Bidders / representatives who are present shall sign a register evidencing their attendance.

12. The rates quoted by the bidder must be inclusive of all the charges (like – transportation, installation charges, delivery charges, inspection charges, training charges, charges for services, excise duty, customs duty etc.) except VAT. The VAT should be mentioned separately.

13. The tender matter by including prices should be type neatly; corrections/ overtype in prices will not be accepted. However if correction/ overtyping is there, it should be attested by the tender with signature, date and their seal. Hand written and Xerox tender will not be accepted

14. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

15. Bids shall remain valid for 45 days after the deadline for submission of bids prescribed by the Purchaser. A bid valid for a shorter period shall be rejected by the purchaser as non-responsive.

16. Tenderer should give all relevant particulars about every item, such as makers name Country of Manufacture and Specification and price etc. '' Specifications as given in catalogue'' quoted in tender by the tenderer will not be accepted. Full specification must be written in tender positively and should also be supported by technical literature (Catalogue/Brochures) purchase Committees approval/ decision will be final and binding.
17. Vague expression such as '' complete with standard accessories'' or ''as per your specification'' will not be accepted. The tenderers must specifically indicate all specification of the items and should mention clearly what item will be supplied under '' accessories'' with the Equipment/Machinery in price schedule enclosed as Annexure-1. Any ambiguity or vagueness in tender for item concerned will be liable for rejection.
18. Makers stickers pasted on equipments/tools will not be accepted.
19. Catalogues/brochures must be clear, specific and should reflect all the essential specification of the products/items, otherwise it will not be considered for comparison. It should be clearly indexed to reflect which item is related to which Catalogues/brochures.
20. Supplies for any particular item in each package of the bid should be from one manufacturer only. Bids form agents offering supplies form different manufacturers, for the same item of the package in the bid, will be treated as rejected.
21. Contracts will be awarded only for those items which have minimum 3 valid rates.
22. The bids will be examined to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the bids are in order.
23. The decision of the tender committee will be final in the scrutiny of successful bidders.
24. The tenderer will have to submit samples on demand before the technical team at the purchaser end, in the prescribed time limit. In case the samples are not produced in the prescribed time. It shall be open to the undersigned to forfeit Earnest Money Deposited by the tenderers. if the samples sent by the party are approved the same will be adjusted in regular supply and in the case of rejection, they will be returned back to the party at his cost.
25. Since this procurement is financed by a World Bank loan/ credit, bidders/ suppliers/ contractors are required to permit the bank to inspect their accounts and records and other documents related to the bid submission and contract performance and to have them audited by auditors appointed by the bank.
26. The fact that the tenderer has signed the form "A" will mean that the tenderer has completely accepted Terms & Conditions of the tender and that the tenderer agrees to abide by these Terms & Conditions of the tender. No deviation from Terms & Conditions of the tender will be accepted under any circumstances. the Terms & Conditions of the tender and clause usually printed on the parties tenders or bills will not be binding on this department.
27. The contents of the form "A" should not be changed or amended otherwise will not be acceptable by this office.
28. The Principal, ITI BALODABAZAR Chhattisgarh reserves the right at the time of Contract award to increase or decrease the quantity of goods originally specified in the Packages without any change in the unit price or other terms and conditions.
29. **Contracts for procurement of packages will be awarded as per the priority and availability of budget.** Suppliers has to deliver and complete the task of installation strictly as per the specification of ordered items within stipulated time otherwise above contract may be treated as canceled without any prior notice.

30. **Before executing the awarded contract** the Supplier shall furnish Performance Security to the The Principal, ITI BALODABAZAR, DISTT.-BALODABAZAR BHATAPARA Chhattisgarh for an **amount of 5%** of the contract value through a Bank Guarantee by a nationalized bank, in the prescribed proforma as Annexure-IV, valid upto 60 days after the date of completion of performance obligations including warranty .obligations. If the desired Performance Security is not deposited by the tenderer in the specific period, the Earnest Money already deposited with the dender shall be forfeited. in the event of any correction of defects or replacement of defective material during the warranty period, the warranty for the corrected/ replaced material shall be extended to a further period op 12 months and the Performance Bank Guarantee for proportionate value shall be extended 60 days over and above the extended warranty period. In the event of any contract amendment, the Supplier shall, within 21 days of receipt of such amendment, furnish the amendment to the Performance Security, rendering the same valid for the duration of the Contract, as amended for 60 days after the completion of performance obligations including warranty obligations.
31. If the supplier fails to deliver any or all of the Goods or to perform the services within the stipulated delivery period (s) specified in the Contract, the principal, ITI BALODABAZAR Chhattisgarh shall, without prejudice to its other remedies under the Contract, forfeit the Bid security and the order is liable to cancel.
32. If the supplier/dealer fails to supply the items as per the specifications, items will not be received by the consignee and supplier/ dealer has to return it back on his/her own cost. The supplier/ dealer may supply the items of higher specifications (due to manufacturing obligations) if accepted by consignee after examination and testing.
33. The one time extension in the delivery period may be granted at the discretion of the undersigned. The liquidated damage at a rate of 2% per month subject to a ceiling of 10% of the contract price of the full cost of the tool/equipment/machine is liable to be charged for the extension of the delivery period. once the maximum is reached, the purchaser may consider termination of the contract. Equipment received after the delivery period or dispatched after the delivery period mentioned in the order will also be subjected to this liquidated damage. Power to extend delivery period would remain reserved with Principal, ITI BALODABAZAR Chhattisgarh.
34. Loading/ Unloading charges shall be borne by the supplier.
35. The undersigned may get, the items supplied by the successful tenderer, inspected on receipt of the same by such person or persons he deems fit and to reject such of these items as in his opinion do not come up to the specification. The decision of the under signed will be final in such cases. The rejected items will be returned on the tenderers cost.
36. Warrantee/Guarantee should be for a period of 1 year minimum after delivery for the goods and its accessories. An undertaking shall be given by the bidder for '' After sales services'' (in case of authorized supplier/ dealer it should be given by the Manufacturer).
37. All the equipments shall be suitably protected, coated, covered or boxed and crated to prevent damage or deterioration during transit/handling and storage at site till the time of installation/commissioning. While packing all the materials, the limitations from the point of view of availability of railway wagon sizes in India should be taken into account. The contractor shall be responsible for any loss or damage during transportation, handling and storage due to improper packing.

38. If any Machines/Equipments require training for users, then supplier/dealer has to arrange such training program at the destinations free of cost. Installation and working trial is to be given at site at the expenses of supplier.
39. 100% payment will be released after the safe receipt of goods, as per the specification given in purchase order & and after ensuring successful installation, commissioning and performance of supplied items etc.
40. It must be noted that normally all correspondence and transaction will be made only with the parties whose tenders have been accepted and not with anybody else.
41. The undersigned reserves the right to accept or reject bid, and to annul the bidding process and reject all bids at any time without assigning any reason prior to contract award, without thereby incurring any liability to the affected bidder or bidders.
42. At any time prior to the deadline for submission of bids, the purchaser may modify the bidding documents by amendment. All prospective bidders who have purchased the bidding documents will be notified of the amendment by uploading in the website www.cgstate.gov.in or by E-mail or by fax and will be binding on them.
43. If any document given by the bidder is found fake/ manipulated, then the entire EMD deposited by the bidder in the tender will be forfeited without assigning any reason and such bidder will not be entitled for future biddings.
44. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

The decision of the ''Tender committee'' will be final & binding to all the bidders. Any dispute arising out of this tender or supply of any other matter will fall under the civil jurisdiction of Chhattisgarh High Court only.

Principal,
Govt I.T.I BALODABAZAR
Distt. BALODABAZAR BHATAPARA (C.G.)

ANNEXURE-I

Note:- Give Bid Price Item-wise in the following Proforma only. Any deviation will not be accepted.

PRICE SCHEDULE

Package No. ……., Package Name. …….

Name of Bidder ……..

(Amount in Rs)

Item Serial No.	Item Code	Specifications of items, Which bidder offers	Name of accessories with specification (if any)	Make/ Brand of Item	Manufacturer's Name	Catalogue / Brochure Page No. (as indexed by you)	Quantity of Item as per tender With unit	Cost per unit (Inclusive of all Charges) except VAT	VAT	Total value item wise (col. 9 + col. 10)	Total value in Rs. (col. 8 x col. 11)
1	2	3	4	5	6	7	8	9	10	11	12
Total Package Value (in words)											

Note:-

a. The bidding prices shall be for F.O.R. Destination.

b. Rates should be inclusive of all charges (such as charges for Inspection/ Demonstration/ Installation/ Commissioning/ Transportation/ Excise/ Custom/ Services charges etc. except VAT. VAT should be mentioned separately.)

c. Conditional rates will not be accepted.

d. Comparison will be done item-wise on the basis of total value as mentioned in column 11.

e. Rates will be finalized for purchase on the basis of individual items having 03 valid rates.

f. Specifications of the items which bidder offers as per the catalogue/ brochure/ Technical details etc. will be considered for comparison and selection. Incomplete details will not be considered for comparison.

g. Price Schedule given in other form will not be accepted and bid will be rejected.

ANNEXURE-II

FORM - A

(To be signed and returned along with the tender)

I/we (Full Name) ……

Address ……

……

have read the Terms and Conditions of the tender for the supply of various stores as per your tender notice for supply of Package of _____for INDUSTRIAL TRAINING INSTITUTES …….. of Chhattisgarh under World Bank assisted VTIP Scheme in Shopping Mode due on _____ and I/we fully accept the Terms and Conditions of the Bid supplied to me / us with the Bidding Documents.

I/We also undertake to permit the World Bank to inspect our accounts and records and other documents related to the bid submission and contract performance and to have them audited by auditors appointed by the Bank.

It is further noted that if any manipulation is found at any stage, the tender/ Contract/ Supply order shall be rejected and the Principal, ITI ……, Chhattisgarh may take any action against me/us, as she/he deems appropriate.

Details of Earnest Money/bid security in the form of DD/BG (@ 03% of the total tendered value for the package(s) for which bid is submitted) :

(a) DD/BG no. ----------

(b) Value Rs. ----------

(c) Name of Bank ----------

Date ……..

Signature

(Name & full Address of the firm)

ANNEXURE- III

EARNEST MONEY / BID SECURITY FORM

To: **The Principal, Industrial Training Institute**
BALODABAZAR **,**
Distt.- BALODABAZAR BHATAPARA **Chhattisgarh**

WHEREAS ……. (Name of Supplier) hereinafter called "the Bidder " has undertaken, in pursuance of Tender No. ……dated …….20……..to bid in the said tender.

AND WHEREAS it has been stipulated by you in said Tender notification that the Supplier shall furnish you with a Bank Guarantee by a nationalized bank for the sum specified therein as Earnest Money/ Bid Security for compliance with the Bidders obligations in accordance with the Tender terms and conditions.

AND WHEREAS we have agreed to give Bidder a Guarantee:

THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the bidder, up to total of ……(Amount of the Guarantee in Words and Figures) and we undertake to pay, upon your first demand declaring the Bidder to be in default under the Terms and Conditions and without cavil or argument, any sum or sums within the limit of …….(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This guarantee is valid until the ……day of ……..20……..

Signature and Seal of Guarantors
……
……
……
Date……..20……
Address……..
……
……

……
(Signature of the Bank)

Note : The bank guarantee (submitted by Indian Bidder) should be executed on stamp paper in accordance with stamp Act. The stamp paper should be in the name of executing bank.

ANNEXURE- IV

PERFORMANCE SECURITY FORM

To: **The Principal, Industrial Training Institute**
BALODABAZAR **,**
Distt.- BALODABAZAR BHATAPARA **Chhattisgarh**

WHEREAS …….. (Name of Supplier) hereinafter called "the Bidder " has undertaken, in pursuance of Contract (Notification of Award) No. ……dated ……20……..to supply ……(Description of good and Services) hereinafter called "the Cotract".

AND WHEREAS it has been stipulated by you in said Contract that the Supplier shall furnish you with a Bank Guarantee by a nationalized bank for the sum specified therein as Security for compliance with Supplier's performance obligations in accordance with the Contract.
AND WHEREAS we have agreed to give the Supplier a Guarantee:
THEREFORE WE hereby affirm that we are Guarantors and responsible to you, on behalf of the Supplier, up to total of ……(Amount of the Guarantee in Words and Figures) and we undertake to pay, upon your first demand declaring the Supplier to be in default under the Contract and without cavil or argument, any sum or sums within the limit of ……..(Amount of Guarantee) as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.
This guarantee is valid until the ……day of ……20……..

Signature and Seal of Guarantors
……
……
……
Date……..20……
Address……..
……
……

Note : The bank guarantee [submitted by Indian Supplier] should be executed on stamp paper in accordance with stamp paper Act. The stamp paper should be in the name of executing bank.

ANNEXURE- V

on Non Judicial Stamp Paper of Rs. 50/-

निविदाकर्ता द्वारा Bid के साथ दिये जाने वाला

शपथ–पत्र

निविदाकर्ता फर्म मेसर्स .....की ओर से मुझे/हमें अधिकृत किया गया है और मैं/हम निम्नलिखित कथन शपथपूर्वक कहता हूँ/ कहते हैं कि :–

1. मैंनें/हमने निविदा की सारी शर्ते ध्यानपुर्वक पढ़ी है और उसने सहमत हैं तथा उन्हें मानने के लिए वचनबद्ध हैं।
2. मेरे/हमारे द्वारा संलग्न किये गये सभी दस्तावेज सही है और उनमें किसी प्रकार की कांट–छाट नहीं किया गया है एवं गलत जानकारी नही दी गई है।
3. मेरे/हमारे द्वारा कामर्शियन बिड में सामाग्रियों के लिए जो स्पेशिफिकेशन दिया गया है और उनके सपोर्ट में जो भी संबंधित दस्तावेज, कैटलॉग/ब्रोशर्स आदि संलग्न किये गये है उनमें लिखा विवरण निर्माता द्वारा जारी किया गया है एंव मूल रूप में है और उनमें कोई फेरबदल या कांट–छांट नही किया गया है।
4. मेरे/हमारे द्वारा निर्माता से मुझे/हमें जारी आथॉराइजेशन प्रमाण पत्र जो कि बिड के साथ संलग्न किये गये हैं वे सही एवं मूल रूप में हैं और उनमें फेरबदल नहीं किया गया हैं।
5. मैं/हम दिये गये क्रयादेशानुसार सामग्रियों को निर्धारित समय सीमा में स्पेशिफिकेशन के अनुसार सप्लाई करने के लिए बाध्य हैं। देर होने या सामग्रियों के स्पेशिफिकेशन में अन्तर होने पर मूझे/हमें दियें गयें क्रयादेश को निरस्त किया जा सकता है एवं शासन को होने वाले नुकसान की भरपाई मेरें/हमारे द्वारा की जावेगी।
6. मेरे/हमारे द्वारा दी गई जानकारी असत्य पाये जाने पर मूझे/हमें एवं हमारी फर्म को निविदा में भाग लेने से वंचित किया जा सकता है।

दिनांक .....

हस्ताक्षर : .....
नाम : .....
धारित पद : .....
फर्म का नाम : .....
(सील सहित)

ANNEXURE- VI

SECTION XII

MANUFACTURERS' AUTHORIZATION FORM*

No. _____Dated

To

Principal/ Head of the Institution
Government ITI BALODABAZAR
Under Directorate of Employment &Training
Chhattisgarh

Dear Sir:

Tender no _____ Dated _____

We _____who are establish and reputable manufacturers of (*name and description of goods offered)* having factories at _____ (*address of factory*) do hereby authorize M/s _____ (*Name and address of agent*) to submit a bid, and sign the contract with you for the goods manufactured by us against the above IFB.

No company or firm or individual other than M/s _____ are authorized to bid, and conclude the contract for the above goods manufactured by us, against this specific Tender. (*This para should be deleted in simple items where manufacturers sell the product through different stockists.*)

Yours faithfully,

(Name)
(Name of manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturer and should be signed by a person competent and having the power of attorney to legally bind the manufacturer. It should be included by the Bidder in its bid.

* Modify this format suitably in case where manufacturer's warranty and guarantee are not applicable for the items for which bids are invited.

कार्यालय प्राचार्य, शास0 औधोगिक प्रशिक्षण संस्था सकरी ब0बा0, जिला–बलौदाबाजार भाटापारा (छ0ग0)

क्रय की जाने वाली औजार/उपकरण/मशीन की सूची

S. No.	Package No. DET	Package No. ITI	Package Name	Pkg Value
1		9/70	Propruetart Software (Auto CAD Latest Version)	
2		11/72	Propruetart Software (Master CAM Latest Version)	
3		16	Caliper- Outside, Inside, Odleg,	
4		16a	Divider	
5		17	File,	
6		18	Steel Rule	
7		19	Punch	
8		19a	Screw Driver	
9		19b	Plair	
10		19c	Hammer	
11		19c1	Hammer	
12		19d	Spanner	
13		20	General Electric	
14		20a	General Electric Moter	
15		20B	Electic hand drill Machine	
16		20C	AG -7 GRINDER	
17		21	Goggles	
18		21a	General Items	
19		21b	Tap &dai	
20		21c	Bench Vice	
21		21d	Gauges	
22		22	Welding & Sheet Metal	
23		23	Nibbling Machine	
24		23A	portable Nibbling Machine	
25		24	Spinning Lathe	
26		24A	Seaming Machine	
27		24B	Portable pneumatic shear	
28		25	Bending Machine	
29		25A	Shear& snip Machine	

30		25B	Micro plasma welding machine	
31		25C	Welding plant Oxy-Acetylene complate	
32		25D	Welding Scriber , Tongs	
33		25E	Welding Item	
34		25G	Gas Welding gen.Item	
35		25H	Welding chiesel	
36		25I	Machine Arc welding Ractifire	
37		25J	General Welding Item	
38		25k	Welding Lather item	
39		25L	General Welding TORCH	
40		25M	Circuler Cutting Machine	
41		25N	Fly Press/Ball Press	
42		25P	Buffing Polising machine	
43		25Q	Hand Press Break Machine	
44		27	Milling Cutter	
45		30	Cylindrical grinder	
46		32	Machine-Sensative drilling machine	
47		35	Lathe Machine	New Package
48		36	Fire Fighteing Extingusher	New Package
49		37	Micrometer	New Package
50		38	Steel furniture	New Package
51		39	Machine-Milling Machine Plain Type Horizontal	New Package
52		40	Machine-HYDRAULIC/POWER HACSAW MACHINE	New Package
TOTAL				

प्राचार्य,
शास0औधो0प्रशि0संस्था सकरी ब0बा0
जिला–बलौदाबाजार भाटापारा (छ0ग0)

Principal, Govt. I.T.I. Sakari Balodabazar, Distt.-Balodabazar Bhatapara (C.G.)

Schedule of Requirements

Package - 9/70

Propraitry Software (Auto CAD Latest Version)

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	CAD/CAM	PDB	Latest Version For Auto CAD	9	9		
Total							

Principal,
Govt. I. T. I. Sakari B.Ba.
Distt.-Balodabazar Bhatapara (C.G.)

Principal, Govt. I.T.I. Sakari Balodabazar, Distt.-Balodabazar Bhatapara (C.G.)

Schedule of Requirements

Package - 11/72

Propraitry Software (Master CAM Latest Version)

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	CAD/ CAM	PDB	Master CAM Latest Version Lathe, Mill And Design	9 Nos	9 Nos		
Total							

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Schedule of Requirements

Package - 16

Caliper

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 5 - 02 M 4 - 02 M 1 - 02 PMAT 6		Outside Spring Caliper - 150mm	68 Nos	68 Nos		
2	M 1 - 21 M 4 - 16 M 5 - 20		Outside Spring Caliper - 200mm	6 Nos	6 Nos		
3	M 5 - 03 M 4 - 03 M 1 - 03		Inside Spring Caliper - 150mm	51 Nos	51 Nos		
4	M 1 - 23 M 5 - 22		Inside Spring Caliper - 200mm	4 Nos	4 Nos		
5	M1 - 04 M 5 - 04 M 4 - 04		Hermafeodite Caliper 150mm	51 Nos	51 Nos		
6	M2-48		Trammel point (With beam) 600mm.	1 No	1 No		
Total							

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Schedule of Requirements

Package - 16a

Divider

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 5 - 05 M 4 - 05 M 1 - 05 M 2 - 04		Divider Spring 150mm	68 Nos	68 Nos		
2	M 2 - 02 PMAT-06 - 09		Wing Divider 200mm	34 Nos	34 Nos		
3	M 5 - 21 M 4 - 17 M 1 - 22		Spring Divider 250mm	6 Nos	6 Nos		
4	M 1 - 20 M 4 - 15 m-5-19 PMAT-6		Try Square 150mm	37 Nos	37 Nos		
	M-2-11		**Steel Square 450*600*3 mm**	4 Nos	4 Nos		
	PMAT-6		Tine Main Square ,60*30 C.m.	1 No	1 No		
Total							

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Schedule of Requirements

Package - 17

File

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 10 M 5 - 10 M 2 - 36 PMAT 6		File Flat Bastered 300mm	42 Nos	42 Nos		
2	M 1 - 11 M 2 - 34 M 5 - 11		File Flat 2nd Cut 250mm	40 Nos	40 Nos		
3	M 2 - 36		File Flate Smooth 250mm	2 Nos	2 Nos		
4	M 1 - 13 M 5 - 13 M 4 - 10		File Flate Smooth 200mm	55 Nos	55 Nos		
5	M1 - 52		Half Round File Second Cut 250mm	4 Nos	4 Nos		
6	M 1 - 53		File Triangular Second Cut 200mm	4 Nos	4 Nos		
7	M 2 - 37		File Half Round Second Cut 300mm	2 Nos	2 Nos		
8	M 2 - 75		Round File 250mm Second Cut	4 Nos	4 Nos		
9	M 2 - 76		File Triangular Second Cut 250mm	4 Nos	4 Nos		
10	M 1 - 54		Needle File set of 12 File	one set	One Set		
11	M 1 - 55 M 5 - 42 M 2 - 77		Square File 2nd Cut 250mm	12 Nos	12 Nos		
12	M 1 -14 PMAT 06 - 18		Cold Chisel Flat 25×200mm	18 Nos	18 Nos		
13	M 3- 06		File Round 150mm	16 Nos	16 Nos		
14	M 2 - 51		Rasp Cut File 250mm	4 Nos	4 Nos		
15	M 2 - 28		Trianguler File Smooth 250mm	4 Nos	4 Nos		
16	PMAT 6 - 27		File Half Round Basterd 300mm	6 Nos	6 Nos		
Total							

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Schedule of Requirements

Package - 18

Steel rule

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 01 M 4 - 01 M 2 - 01 M 3 - 19 M 5 - 08		Steel Rule 300mm Graduation Metric & British	72 Nos	72 Nos		
2	M 2 - 56 M 4 - 18 M 5 - 25 PMAT 06		Steel Rule 600mm Graduation Metric & British	25 Nos	25 Nos		
3	M 2 - 08 M 4 - 24 M 5 - 26		Steel Measuring Tape 2 mtr.	21 Nos	21 Nos		
4	M 5 - 23		Straight Edge Steel 500mm	2 Nos	2 Nos		
5	M 1 - 25						
	M 1 - 24		Straight Edge Steel 1mtr.	1 No	1 No		
Total							

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Schedule of Requirements

Package - 19

Punch

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 06 M 2 - 03 M 4 - 06 M 5 - 06		Center Punch 100mm	68 Nos	68 Nos		
2	M 2 - 28 M 2 - 29 M 2 - 30		Punch Round 3mm - 4mm - 6mm	12 Nos	12 Nos		
3	M 2 - 33		Punch Letter 4mm	one set	one set		
			Punch Number 4mm	one set	one set		
4	M 2 - 59		Rawal Punch Holdeder & Bits No. 8, 10, 12, 14	02 set	02 set		
21	PMAT-06		Number punch 6 mm and letter punch 6 mm	1 set	1 set		
Total							

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Schedule of Requirements

Package - 19/A

Screw Driver

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 74		Screw Driver 250 mm	2 Nos	2Nos		
2	M 1 - 29 M 4 - 21 M 5 - 28		Screw Driver 300mm	12 Nos	12 Nos		
3	M 1 - 32 M 5- 31 M 3 - 02		Screw Driver Spindle Blade 100mm	22 Nos	22 Nos		
4	M 3 - 02 M 1- 12 M 5 - 12		Screw Driver Splindle Blade 200mm	50 Nos	50 Nos		
Total							

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Schedule of Requirements

Package - 19/B

Plair

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 5 - 08 M 4 - 08 M 2 - 40 M 1 - 08		Combination Pliar 150mm	53 Nos	53 Nos		
2	M 3 - 01		Combination Pliar 200mm	16 Nos	16 Nos		
3	M 3 - 10		Long Nose Pliar 200mm	4 Nos	4 Nos		
4	M 3 - 09		Flat Nose Pliar 150mm	4 Nos	4 Nos		
5	M 3 - 07		Side Cutting Pliar 200mm	6 Nos	6 Nos		
6	M 3 - 08		Round Nose Pliar 200mm	4 Nos	4 Nos		
Total							

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Schedule of Requirements

Package - 19/C

Hammer

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 19		Hammer Peaning with handle	4Nos	4Nos		
2	M 2 - 20		Hammer Creasing with handle	4Nos	4Nos		
	M 4 - 38 M 5 - 12		Hand Hammer 1kg with Handle	3Nos	3Nos		
4	M 1 - 30 M 5 - 29		Hammer Lead 01kg	4Nos	4Nos		
5	M 2 - 58		Raising Hammer with Handle	4Nos	4Nos		
6	M 1 - 17		Raising Hammer with Handle	one set	one set		
Total							

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Schedule of Requirements

Package - 19/C1

Hammer

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
	M 2 - 22		Hammer Block with handle 2kg	2 Nos	2 Nos		
3	M 1 - 87 M 2 - 09 M 4 - 07 M 5 - 07		Ball Pain Hammer 0.5kg with handle	68Nos	68Nos		
4	M 1 - 28 M 4 - 20 M 5 - 27		Ball pain Hammer 800 Gram with Handel	30Nos	30Nos		
7	M 2 - 55		Soft Hammer - Copper 500gm	4Nos	4Nos		
10	PMAT-06		HAMMER SLEDEG DOUBLE FACE 3KG	1Nos	1Nos		
17	PMAT-06		Hammer ball pin 1 Kg with handle	4Nos	4Nos		
Total							

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Schedule of Requirements

Package - 19/D

Spanner

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 34 M 4 - 35 M 5 - 18		Spanner DECP Series 2 set of 6 Spanner	14 set	14 set		
2	M 5 - 34 M 1 - 35 M 3 - 18		Adjustable Spanner 300mm	7 Nos	7 Nos		
3	M 1 - 33 M 5 - 32 M 3 - 16		Allen Key Hexagonal 2.5mm - 12mm set	05 set	05 set		
4	M 2 - 52		DE-Spannner Set of 12 Pice	2 Set	2 Set		
5	M 2 - 41		Grip Wranch 200mm	2 Nos	2 Nos		
6	M 3 - 38		Crimping Tool 2mm-4mm	one set	one set		
	pmat-06 52		D E SPANNER SET OF SIX	4 SET	4 SET		
	pmat-06		Pipe wrench 25cm &35cm	each one	each one		
Total							

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Schedule of Requirements

Package - 20

General Electric

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 3 - 22		Rubber Gloves 500v	02 pair	02 pair		
2	M 3 - 24		Bar Manget	1 NO	1NO		
3	M 3 - 25		Horse Shoe Magnet	1NO	1NO		
4	M 3 - 37		Tweezers - 4"	16NO	16NO		
5	M 3 - 3		Neon Tester 500v Pencil Bit Type	16NO	16NO		
6	M 3 - 4		Electrician Knife- 3"	16NO	16NO		
7	M 3 - 6		Firmer Chisel 25mm	4NO	4NO		
8	M 3 - 13		Wall Jumper Octanonal 37mm×450mm	4NO	4NO		
Total							

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Schedule of Requirements

Package - 20A

General Electric Moter

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 3 - 27		D.C. Shunt Motor 1HP, 250 V (Laboratory Type)230V,1500RPM,7.5KW	2No	2No		
2	M 3 - 32		Star Delta Starter (Contact Type 8 Points)440V,50HZ,3HP, 1500RPM	1No	1No		
3	M 3 - 34		Megger 5 OHM BM25BM25,5KW ANALOG/DIGITAL INSULATION TESTER	1No	1No		
4	M 3 - 35		D.C. Power Supply ov - 220 V/5A 1HP,230V ACSUPPLY	1No	1No		
Total							

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Schedule of Requirements

Package - 20B

Machine-ELECTRICAL HAND DRILING MACHINE

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
2	M 1 M 3 PMAT 06		ELECTRICAL HAND DRILING MACHINE - 6MM Capacity	5 No	5 No		
			TOTAL				

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Schedule of Requirements

Package - 20C

Machine-AG 7 GRINDER & A G4 GRNDER MACHINE

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
2	PMAT - 06		AG 7 GRINDER & A G4 GRNDER	2NO EACH	2NO EACH		
			TOTAL				

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Schedule of Requirements

Package - 21

Goggles

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT 06 M 1 M 4 - 9 M 5 - 2		Seafty Goggle	68 PAIR	68 PAIR		
2	PMAT06		Welding Goggels Pair	17 PAIR	17 PAIR		
3	M 2- 22		Safety Glasses	4 NOS	4 NOS		
4	PMAT 6-50		Glasses Colour 10 X 82 X 3 DIN 9A 11A 13A	16NOS	16		
5	PMAT 6- 51		Glass White 108 X 82 mm	20 Dozen	20 Dozen		
6	M-1- 59 M-4-37 PMAT6 -25		Magnifying Glass 75mm	8NOS	8NOS		
7	PMAT-06		Welding screen helmet type	17 NOS	17 NOS		
8	PMAT-06		Hand welding screen	17 NOS	17 NOS		
Total							

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Schedule of Requirements

Package - 21a

General Items

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1- 40 M 4 - 26		Oil can pressure feed 500ml	5 NOS	5 NOS		
2	M 1 -41 M 4 - 27		Oil Stone 150×50×25mm	4 NOS	4 NOS		
3	M 1 - 45 M 4 - 30		Grinding Wheel Dresser (Diamond Heavy Duty)	2 NOS	2 NOS		
Total							

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Schedule of Requirements

Package - 21b

Tap & dai

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 48		Tape and Dia-set Inbox Matric pitch (One set) 6mm - 25mm	one set	one set		
2	M- 1 / M-04		Drill Chuck 3mm - 13mm With Taper Shank	2 NOS	2 NOS		
3	M- 1		Twist Drill PS 3mm-13mm	2 set	2 set		
4	M-4-13		Center Drill A 01 to 05	5 set	5 set		
5	M-1		Reamer 6mm To 13mm By 1mm	01 set	01 set		
Total							

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Schedule of Requirements

Package - 21c

Bench vice

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - M 5 - PMAT 6		Bench Vice - 125mm Jaw (18 kgs Approximate Weight)	26 NOS	26 NOS		
2	M 1 - 58 M 2- 44 M 5 - 44		Hand Vice 50mm Jaw	20 NOS	20 NOS		
3	M 2 - 29		Bench Vice - 150mm (20 kgs Approximate Weight)	2 NOS	2 NOS		
	PMAT6-20		Legvice 150mm. Jaw	1 NO	1 NO		
	PMAT6-30		C Clamp 10cm. 15cm. 20cm. 30cm. Each Two	Each 2	Each 2		
Total							

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Schedule of Requirements

Package - 21d

Gauges

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 1 - 70		Screw pitch Gauge matric 0.5 to 7mm pitch	02 set	02 set		
2	M 4		Screw pitch Gauge BRITISH pitch	01 set	01 set		
3	M 1 - 71		Rudius Gauge matric 1mm-6mm	01 set	01 set		
4	M 1 - 72		Filler Gauge	01 set	01 set		
5	M 1 - 75		Sine bar 200mm Etaiblized steel	1 NO	1 NO		
6	M2-12		Sheet Metal Gauge	2 NOS	2 NOS		
Total							

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Schedule of Requirements

Package - 22

Welding & Sheet Metal

S. N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 05		Ordinary Wooden Mallet , 70mm Dia	17NOS	17NOS		
2	M 2 - 13		Stake Round and Bottom	4NOS	4NOS		
3	M 2 - 15		Funnel Stake	4NOS	4NOS		
4	M 2 - 17		Bick Iron Stake	4NOS	4NOS		
5	M 2 - 18		Tinmans horse	2NOS	2NOS		
6	M 2 - 39		Hand Groover 3mm, 4mm, 5mm	4 each	12		
7	M 2 - 42		Ladle 150mm dia 1 ltr.	2NOS	2NOS		
8	M 2 - 43		Blow Lamp 1 ltr.	2NOS	2NOS		
9	M 2 - 46		Soldering Copper Hatchet type 500gms	8NOS	8NOS		
10	M 2 - 53		Bossing Mallet	4NOS	4NOS		
11	M 2 - 54		Endfaked Mallet	4NOS	4NOS		
12	M 2 - 64		Steel wire Brush 50mm×150mm	16NOS	16NOS		
13	M 2 - 79		Light General Purpose Portable forge	2NOS	2NOS		
14	M 2 - 83		Spray Gun (Pointing) 500ml	1NO	1NO		
Total							

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Schedule of Requirements

Package - 23

Nibbling Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 94		**Nibbling Machine-PN-8 milld steel 45 kg/mm2** (1)Shearing Straight Cutting-From the adge, inside with Starting hole, Sheet without Starting hole. (2)Nibbling-from the edge, Inside with starting hole, Sheet without starting hole (3) Rectangular notching-sheet thickness/width of notch (4)Figure Cutting-Sheet thickness (5) Slot Cutting- Sheet Thickness/width of slot (6) Louver Cutting- Sheet Thickenss (7) Beading-Sheet Thickness/Depth of hole (8) Folding Sheet Thickness/depth of fold (9) Flanging-Sheet thickness/height of flange (10) Punching-Sheet thickness (Circlee Cutting Outside/Inside- Sheet tickness. **All Size are Aproximate . Accessories-** Complete electrical, a set of straight cutting tools with the holders, necessary keys, spanners for the operation of machine, feele r gauge & operation manual form the std. Accessories supplied with the m/c. Vaeious attachment for steaight sheet feeding, circle cutting, louver nibbling ball tops & antivibration pads etc. are availble against specific requirements.	1 No.	1 No.		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 23 (A)

portable Nibbling Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
2	M 2 - 99		**Portable Nibbler-**Maximum cutting capacity: Mild Steel: up to .375" Stainless Steel: up to .195" Aluminum: up to .500". **All Size are Aproximate .**	2 NOS	2 NOS		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 24

Spinning Lathe

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 95		Spinning Lathe	1 NOS	1 NOS		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 24 (A)

Seaming Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
2	M 2 - 96		**Seaming Machine** **Specification-**Nominal power -:25KVA, Rated Frequency -:50 Hz., Duty Cycle -: 50%, Maximum Secondary Current -: 10,000 Amps., Cooling Water -: 35 Lit/min, Transformer Insulation -:Class F Epoxy, Maximum Electrode Force -:470 kg.F, Thriat Depth -:400MM, Throat Gap -: 50 MM, Machine Height -: 2000MM, Machine Width -: 1550MM, Machine Length -: 780MM, **Aircompreshr With Complete Accessories-**	1NOS	1NOS		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 24 (B)

Portable Pneumatic Shear

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
3	M 2 - 100		Portable Pneumatic Shear	2 NOS	2 NOS		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

Principal,
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Schedule of Requirements

Package - 25

Bending Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 101		Pipe Bending Machine (Hydroulic Type) 12mm to 30mm	1 NO	1 NO		
2	M 2 - 103		PlateBending Machine with Cap.(Length x Thick 1525x1.6mm)	1NO	1NO		
3	PMAT-06		G. I. Pipe Cutter 1/2 -3 inch	1 set	1 set		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 25 (A)

Shear and Snip

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2- 23		Shear Tinmans 300 mm	8 Nos	8 Nos		
2	M 2 - 24		Snips Straight 250 mm	8 Nos	8 Nos		
3	M 2 - 25		Right cut Snips 250 mm	4 Nos	4 Nos		
4	M 2 - 26		Left cut Snips 250 mm	4 Nos	4 Nos		
5	M 2 - 27		Hand Shear Universal 250 mm	4 Nos	4 Nos		
6	M 2 - 84		Guilltotiine Shearing Maching Foot Operated (1mt×18cl capacity)	1NO	1NO		
7	M 2 - 107		Tin Smiths bench folder 600×1.6mm	1NO	1NO		
8	PMAT-06		Bench shear hand capacity up to 5 mm	1NO	1NO		
Total							

Out of Directored Package but Related With Welding & Sheet Metal Moudle as per Syllabus

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Schedule of Requirements

Package - 25 B

Micro plasma welding machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Micro plasma welding machine – 25 Amps with Complete Accessories	1 SET	1 SET		
Total							

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Schedule of Requirements

Package - 25C

Welding plant Oxy-Acetylene complate

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
3	M 2 - 85		Welding plant Oxy-Acetylene complate (High Pressur)with all accessories.	2SET	2SET		
Total							

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Schedule of Requirements

Package - 25 D

Welding Scriber

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Hand Scriber 15 cm	17 Nos	17 Nos		
2	PMAT-06		Wire brush (S.S)	17 Nos	17 Nos		
3	PMAT-06		Dye penetrant Testing kit	2 set	2 set		
4	PMAT-06		Earth clamps	12 Nos	12 Nos		
5	BBBT- 02		Hollowing hammer with Handle	4 nos	4 nos		

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Schedule of Requirements

Package - 25E

Gas Welding Item

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Welding torches with 10 nozzles	6set	6set		
2	PMAT-06		Cutting torch Oxy-Acetylene with cutting nozzle	2 set	2 set		
3	PMAT-06		Pressure regulator oxygen double stage	8 Nos	8 Nos		
4	PMAT-06		Pressure regulator acetylene Regulators	8 Nos	8 Nos		
Total							

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Schedule of Requirements

Package - 25G

Gas Welding gen.Item

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Eutalloy micro flow powder welding process	1 kit	1 kit		
2	PMAT-06		Rototec powder welding process	1 kit	1 kit		
3	PMAT-06		Heavy duty cutting, blow pipe with cutting nozzles	1 set	1 set		
4	PMAT-06		Electrode holder 400 amps	6NOS	6NOS		
5	PMAT-06		Welding rubber hose, oxygen and acetylene 8 mm	100mtr	100mtr		
6	PMAT-06		Rubber hose clips	50 NOS	51 NOS		
7	PMAT-06		Spindle key (for opening cylinder valve)	8 NOS	8 NOS		
8	PMAT-06		Tip cleaner	8 NOS	98NOS		
9	PMAT-06		Rubber hose pipe black and red 5 mm	30mtr	30mtr		
10	PMAT-06		Lugs for Cables	4 nos	4 nos		
11	PMAT-06		Gas welding table 822x92 cm fire bricks on sland	3 NOS	4 NOS		
12	PMAT-06		Ultrasonic flaw detector	1NO	1NO		
13	PMAT-06		Welding CDs (Processes and Inspection methods)	1 set	1 set		
14	PMAT-06		Fibre Welding booth & welding screen	8 each	8 each		
15	PMAT-06		Fume extractors	4	4		
16	PMAT-06		Oxygen, Acetylene, Argon & Co2 cylinders	2 each	2 each		
17	M1		Spritlavel 2u 250-05 met.	1NO	1NO		
18	M1		Hacksaw Fram Adustable 250-300mm.	8 NOS	8 NOS		
TOTAL							

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Schedule of Requirements

Package - 25H

Welding Chiesel

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M- 2		Rivet sets snap and Dolly combined 3mm, 4mm, 6mm	4 No	4 No		
2	M- 2		Chisel cold flat 25mm×250mm	4 No	4 No		
3	M- 2		Hand groover 3mm,4mm,5mm	4 Nos	4 Nos		
4	M- 2		Ladle 150mm dia	2 Nos	2 Nos		
5	M- 2		Blow lamp1 litre	2 Nos	2 Nos		
6	M- 2		Soldering copper hatchet type 500gms	8 nos	8 nos		
7	M- 2		Tripaning tool 70mm	1 nos	1 nos		
8	M- 2		Tongs close mouth and pich up (1 each)	4 pairs	4 pairs		
9	M- 2		Poprivet gun	2 nos	2 nos		
10	M- 2		Liqulfied petroleum gas (L.P.G.) cylinder, regulater and torch with burner	2 nos	2 nos		
Total							

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Schedule of Requirements

Package - 25 I

Machine Arc Welding rectifier

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Arc welding set Rectifier type 400 Amps with all accessories.	1no	1no		
2	PMAT-06		TIG welding set complete 300 amps AC/DC with all accessories.	1no	1no		
Total							

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Schedule of Requirements

Package - 25 J

Gerenal Welding Item

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 2 - 65		Hand Gloves for welding (Leathrand & Asbestos)	16 NOS	17 NOS		
2	M 2 - 69		Crow bar 910×25mm	2NOS	2NOS		
3	M 2 - 70		Trowel Medium	1NO	1NO		
4	M 2 - 71		Trowel Small	1NO	1NO		
5	M 2 - 72		Trowel Gun	2NOS	2NOS		
6	M 2 - 73		Lazy Tong	2NOS	2NOS		
7	PMAT-06		Screen welding helmet type	17NOS	17NOS		
8	PMAT-06		Spark lighter	17NOS	17NOS		
9	PMAT-06		Chipping screen hand	17NOS	17NOS		
10	PMAT-06		Scriber 15 cm	17NOS	17NOS		
11	PMAT-06		Tongs holding 30 cm	17NOS	17NOS		
12	PMAT-06		Wire brush (S.S)	17NOS	17NOS		
13	PMAT-06		Brass Rule 30cm or nickel chrome steel rule 30cm	4 NO	5 NO		
14	PMAT-06		Rubber hose pipe black and red 5 mm	30 M	30 M		
15	PMAT-06		X-ray film reference standard	1 set	1 set		

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Schedule of Requirements

Package - 25 K

Welding Lether Item

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT-06		Hand Gloves pair leather	17 PAIR	17 PAIR		
2	PMAT-06		Apron leather	17NOS	17NOS		
3	PMAT-06		Safety boots for welders	17 PAIR	17 PAIR		
4	PMAT-06		Leather sleeves	16 pairs	16 pairs		

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Schedule of Requirements

Package - 25M

Circle Cutting Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M- 2- 86		Circle Cutting Machine 500mm dia	1 No	1 No		
Total							

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Schedule of Requirements

Package - 25N

Fly Press/Ball Press

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
2	M- 2- 92		Fly Press/Ball Press No.-4 Single body Arbor Press	Each 1	Each 1		
Total							

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Schedule of Requirements

Package - 25P

Buffing Polising machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
3	M- 2- 93		Buffing Polising machine	1NO	1NO		
Total							

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Schedule of Requirements

Package - 25Q

Hand Press Break Machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
4	M- 2- 102		Hand Press Break Capacity- 0.8mm	1 No.	1 No.		
Total							

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Schedule of Requirements

Package - 27

Milling Cutter

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 4 - 05		Side & Face Cutter Bore Dia 27mm, Out Side Dia 150mm Thickness 12mm	2NOS	2NOS		
2	M 4 - 05		Single Angle Cutter 45 Bore Dia 27mm, out Side Dia 80mm Thickness 30mm	2NOS	2NOS		
3	M 4 - 05		Equal Angle Cutter 90 Bore Dia 27mm, Out Side Dia 80mm Thickness 30mm	2NOS	2NOS		
4	M 4 - 05		UnEqual Angle Cutter 60 & 12 Bore Dia 27 (उपर की तरह)	2NOS	2NOS		
5	M 4 - 05		Concave & Convax Cutter Bore Dia 27mm Out Side dia 60mm Radius 5mm	2NOS	2NOS		
6	M 4 - 05		Involute Gear Mill Cutter Bore Dia 27mm- 02 modul 2.5 Modul set of 8 Cutter one set each	2 set	2 set		
7	M 4 - 05		Slitting Saw Cutter 27mm Bore Dia-Thickness 3,,, 4mm, 6mm One each	3NOS	3NOS		
8	M 4 - 05		Collect Chuck with Collect 5, 6, 8, 10, 12, 16, 20, 22mm each one, Shank size 150-40mm	1 set	1 set		
9	M 4 - 05		End Mill Cutter Parllal shank shank size 5, 6, 8, 10, 12, 16, 20, 22mm each one	8 NOS	8 NOS		
10	M 4 - 05		Parllal shank T" Slot Cutter Shank Dia 10 & 12mm One each	2 set	2 set		
11	M 5 - 05		Face milling cutter inserted tooth Ø100mm dia Bore dia 27 mm	2 nos	2 nos		
Total							

Out of Directored Package but Related With Milling and Grinding Moudle as per Syllabus

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Schedule of Requirements

Package - 30

Machine Cylindrial Grinder

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 4 - 57		Cylindrial Grinder with internal Grinding attchment, Center Height 130mm with standerd Accessories included 3 Jaw self centering Chack, 4 Jaw, independent chuck with set of grinding wheel balancing equipment mandrels centers, tailstock with essential service tool. Set of Internal Grinding Quil with grinding Wheel. (Size Specification are Aproximate)	2 NOS	2 NOS		
Total							

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Schedule of Requirements

Package - 32

Machine-Sensative drilling machine

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 4 - 73 m2-87		Sensative drilling machine pilliar type 12mm capacity with Machine Vice and other accessories (drill chuck 0 to 12mm, drill sleeve as per suitable, PS Drill Set (Set of 12) 3mm to 12mm) Service Tool	3 NOS	3 NOS		
Total							

Out of Directored Package but Related With M-1, M-4 & M-5 Moudle as per Syllabus

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Schedule of Requirements

Package - 35 NEW PACKAGE

Center Lathe

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M4-65		**All Geared Head Stock Center Lathe Size Specification** 1. Distace between center's - 800 mm 2. Length of bed - 2000 mm 3. maximum swing dia over the bed - 400 mm 4. maximum swing dia over the cross slide - 160 mm 5. Spindle nose taper metric ISO 50 or 1:20 6. Elecric moter drive 2.5 K.W. **Other size specification are standard with following Accesseries** (a) Three jaw chuck - 250 mm (b)Four Jaw chuck - 350 mm (c) Face plat (D) Driv plat (E) Revolwing center (F) Cabide tiped center (G) Half center (H) drill chuck (I) follwer study rest (J) Four way tool post (K) Quick change tool post. (L) Setof change gear. (M) Live center. (N) Set of service tool. (o) Dog as carrier - set of 5 nos.	2NOS	2NOS		

Note :- Above size specification are aproximate.

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Schedule of Requirements

Package - 36 NEW PACKAGE

Fire Fighteing Extingusher

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT -06		Fire Fighteing Extingusher Class A - For general fire 12 class B - flammable Luqide 06 classE_ for Electrical Fire 06	24 NOS	24NOS		
2	PMAT -07		fir Buker for send (10 ctr)	24 NOS	25 NOS		

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Schedule of Requirements

Package - 37 NEW PACKAGE

Micrometer

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMBT M1,M-2, M-4,M-5		Out side Micrometer 0.25 mm	13 Nos	13 Nos		
2	PMBT M1,M-2, M-4,M-6		DEPTH micro meter 0.100	1No	1No		
3	PMBT M1,M-5		Out side Micrometer 50-75 mm	3 Nos	3 Nos		
4	PMBT M4,M5		Telescopic gauge 13 mm - 300 mm	2 set	2 set		
5	PMBT M1		DEPTH micro meter 0.150mm	08 nos	08 nos		
6	PMBT M4,M5		DEPTH micro meter 0.200mm	2No	2No		
7	PMBT M5		flange Micro meter 0-25 mm	1nos	1nos		
8	PMBT M5		flange Micro meter 25-50 mm	1nos	1nos		
9	PMBT M4		3pin Micrometer 10-25 , Ring gauge for zero setting in each size micrometer	2 set	2 set		
10	PMBT M1, M4, M5		Out side Micrometer 25-50 mm	8 Nos	8 Nos		

Note :- Calibration cartificate is essential for each micrometer by recognised center.

User manual for each type micrometer

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Schedule of Requirements

Package - 38 NEW PACKAGE

Steel furniture

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	PMAT - 2,3,6		Steel almirah 1980 x900x450 mm made of 22 Gauge C R sheet	12 Nos	12 Nos		
2	PMAT - 2,3,6		Dual Desk all Steel Sheet back and top(1100x890x760x7600/760MADE OF MS pipe/angle 25x25x1.25 mm and C R sheet 0.8 mm .Which has one drawer and cupboard ,18 mm think laminated top with teak wood beating	150 Nos	150 Nos		
3	PMAT - 2,3,6		Instructer Tabile 1200x760x760 made of MS pipe/angle 25x25x1.25 mm and C R Sheet 0.8 mm, Which has one drawer and cupboard, 18 mm thick laminated top with teak wood beating	10 Nos	10 Nos		
4	PMAT - 2,3,6		Instructer Chair 570x580x880 made of MS pipe/angle 25x25x1.25 mm and C R Sheet 0.8 mm, Which has drawer, 18 mm think laminated top with teak wood beating	20 Nos	20 Nos		
5	PMAT - 2,3,6		Discotion Table (5'x3'x2.5') made of MS pipe and lamination board	10 Nos	10 Nos		
6	PMAT - 2,3,6		Book self	10 Nos	10 Nos		
7	PMAT - 2,3,6		Computer Table Wooden Structor 900x500x750 made of MS pipe 25x25x1.25 mm and 18 mm laminated Polticat Boad	20 Nos	20 Nos		
8	PMAT - 2,3,6		Revolwing Comuter Chair Kushan Sheet low beg without arm moulded purfom 480x480 mm sheet and back	20 Nos	20 Nos		

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Schedule of Requirements

Package - 39 NEW PACKAGE

Machine-Milling Machine Plain Type Horizontal

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M5		**MILLING MACHINE PLAIN TYPE HORIZONTAL** **Size Specification:-** **a- working Surface 1250×350mm** **b- Longtudianl feed- 850mm** **c- Cross Feed - 350** **d- Vertical Feed- 450** **e- Distance from spindle center to under side of over sport - 180mm** **f- Long arbor size- 27mm, lenght-500mm, Shank ISO 40** **Electrick motor main drive- 2kw** **Other Size Specification are as standard With Standard Accesseries -** **1- Swival base machine vice- 160mm jaw** **2- Universal Index head.** **3- Collect with Collect chuck.** **4- set of Survice toll.** **(Size Specification are Aproximate)**	**2 NO**	**2 NO**		
Total							

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Schedule of Requirements

Package - 40 New Package

HYDRAULIC/POWER HACSAW MACHINE

S.N.	ITI BB/ PMBT/ M.No.	PDB Code No.	Details of Specification	Req.	Total Req.	Unit Rate	Total Amount
1	M 4		**HYDRAULIC/POWER HACSAW MACHINE** **Size Specification:-** **lenth of cutting Stroke- 175mm or Power Saw Blade Size 14 inch /16 inch/ 18 inch**	1 No	1 No		

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