

Tender documents charges  
Rs: 2,000/-  
(non refundable/nontransferable)

GOVERNMENT OF SINDH  
INSPECTORATE OF MINES  
MINES & MINERAL DEVELOPMENT DEPARTMENT

Tender documents charges receipt  
No.....

Tender Documents No: CIM/ADP  
14-15/M.P.T.C/Tender/M&E/2015/

TO,

M/S.....  
.....  
.....

**FROM:**  
CHIEF INSPECTOR OF MINES  
GOVERNMENT OF SINDH  
ST: 19/1, BLOCK-6, GULSHANE  
IQBAL, NIPA, CHORANGI,  
KARACHI.

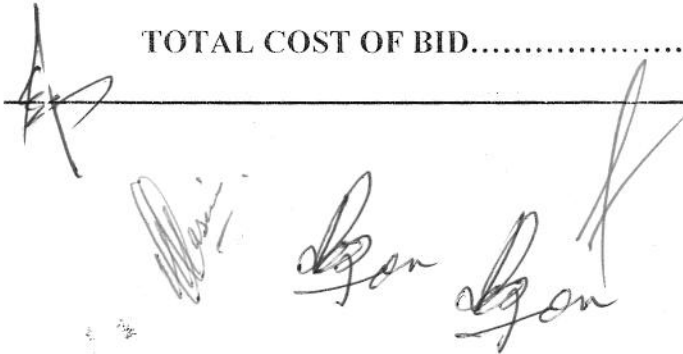
Invitation to tender No. Website Display vide [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk) on \_\_\_\_\_  
and Newspaper Publication vide No. INF-KRY-NO: \_\_\_\_\_ dated  
\_\_\_\_\_ for the purchase of stores for the Inspectorate of Mines, Government of  
Sindh, Karachi

**TENDER FOR THE SUPPLY OF STORES**

Date of submission of tender: on or before: 05-05-2015 upto 11:00 a.m  
Date of opening of tender: 05-05-2015 at 12:00 Noon  
Venue of tender opening: -

Office of Chief Inspector of Mines,  
Mines & Mineral Development  
Department, Government of Sindh,  
St:19/1, Block-6, Gulshan-e-Iqbal, Near  
NIPA, Karachi

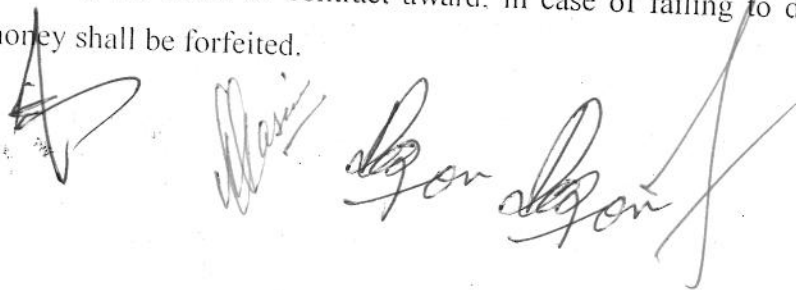
TOTAL COST OF BID.....



Dear Sir,

You are hereby invited to submit your tender in accordance with Rule-15 (1) (b) of SPPR-2010 (amended 2013) for the supply of stores as detailed in the schedule to the invitation to tender subject to the conditions mentioned here under and given in the schedule. The tenderers quoting against this invitation to tender shall be deemed to have read and understood the conditions thereof.

1. The tenderers shall quote the bids on the PRESCRIBED TENDER FORM, (Annexure-A) schedule to the invitation to tender, on the basis indicated therein for the delivery of stores at consignee's end basis at Lakhra District Jamshoro and shall submit the certificate to the effect that the store shall be supplied exactly, in accordance with the requirements as specified in this schedule. In case there is any deviation, it should be clearly stated by the tenderer in tender form otherwise it will be presumed, that offer is strictly in accordance with the requirement and specifications.
2. Tender should be accompanied by bid security equal to 2% (two percent) value of their bid price i.e grand total of total cost instead of grand total of total unit cost, in the shape of pay order/ demand draft from any scheduled bank in the name of "Chief Inspector of Mines, Sindh Karachi" and shall be attached with the tender, without which no tender will be accepted.
3. The Bid will be evaluated on the basis of the bid having lowest evaluated cost and most closely conforming to evaluation criteria for each item and terms and conditions mentioned in the bidding documents.
4. Bid security shall be released to the unsuccessful bidders once the contract has been signed with the successful bidder or the validity period get expired.
5. The quantity mentioned against any item in the schedule inviting tender can be increased or decreased at the time of the award of contract.
6. The successful bidder shall have to execute the Contract Agreement after receiving the letter of contract award. in case of failing to do so, his earnest money shall be forfeited.



7. The successful tenderer shall have to ensure the supply of the stores upto 09-06-2015 failing which his tender shall be treated as cancelled and the security deposit shall be forfeited accordingly.
8. Original receipt in token of having purchased the tender form must be enclosed with the tender.
9. Tenderers shall submit attested photocopy of the National Tax Number Certificate from the Income Tax Department for the year 2014-15.
10. The inspection of stores will be carried out by the consignee or any committee constituted by Government in this behalf, in the premises of the office of the Chief Inspector of Mines, Sindh, ST:19/1, Block-6, Gulshan-e-Iqbal. Near N.I.P.A, Chowrangi, Karachi.
11. Failure to submit the tender in the manner prescribed in this invitation to tender will be rendered the same to be ignored /rejected.
12. Model number and make be enclosed along with the relevant literature/ catalogue / brochures.
13. The bidder shall fill the sales tax coloums of tender form with sales tax at existing % age.
14. The bidder shall furnish the H.S Code against imported item where ever required.
15. The successful tenderers will be bound to make delivery of the inspected stores at Mine Polytrade Training Centre at Lakhra District Jamshoro, at his own expenses.
16. After coming into force of the procurement contracts, dispute, between the parties to the contract shall be settled by arbitration as per SPP Rules 2010(amended 2013).
17. Income Tax at existing rate including existing surcharge shall be deducted at source. If there is any dispute with regard to income tax the supplier may submit the refund claim to CBR as per rules.



18. 20% of sales tax amount mentioned in the S.T column of tender document shall be deducted at source while making payment to supplier (successful bidder) and the supplier (successful bidder) has to furnish S.T invoice of remaining S.T amount, i.e 80% of S.T amount.
19. Supplier (successful bidder) has to pay award fee at the rate of 0.25% of the award.
20. Supplier (successful bidder) has to pay stamp duty @ 0.2% of the award at the time of execution of Procurement Contract.
21. Any other tax/duty applicable at the time of payment against the supply of stores shall be deducted at source.
22. The supplier (successful bidder) shall have to furnish at least one year warranty, after sale service certificate, the certificate from Principal with regard to make and model of the item and the copy of import documents along with the bills, where ever required.
23. Successful bidders to whom offers for the supply of stores shall be issued, shall have to provide 5% performance security of the amount of contract prices/offer prices, in the form of pay order or demand draft or bank guarantee. The validity of performance security shall extend at least ninety days beyond the date of completion of contract.
24. The supplier (Successful bidder) shall have to furnish bill of the item (s), already inspected by the Inspection Committee with Invoice of Sales Tax.
25. 100% payment to be made after complete supply within the delivery period and receipt of certificate by the Inspection Committee and payment bill(s) passed by the Accountant General Sindh.
26. The supplier has to provide training in operating the equipment as and when required by the purchaser.
27. The Integrity Pact shall be signed between the Procuring Agency and the bidder wherever applicable as per SPP Rules-2010 (amended-2013).

     4

28. All conditions pertaining to purchase of stores mentioned in Sindh Public Procurement Rules 2010 (amended 2013) including any amendment made so far shall be applicable.



(RAJAB ALI MEMON)  
CHIEF INSPECTOR OF MINES, SINDH  
KARACHI.



**Annexure-A**  
**TENDER FORM**

GOVERNMENT OF SINDH  
INSPECTORATE OF MINES  
MINES & MINERAL DEVELOPMENT DEPARTMENT

Schedule to invitation to tender no: - Website Display vide [www.pprasindh.gov.pk](http://www.pprasindh.gov.pk)  
on \_\_\_\_\_ & Newspaper Publication  
vide No INF-KRY: NO: \_\_\_\_\_ Dated \_\_\_\_\_

Date of receipt of tender: - on or before 05-05-2015 upto 11:00 a.m

Date & time of opening of tender: - 05-05-2015 at 12:00 Noon

Venue of tender opening:-

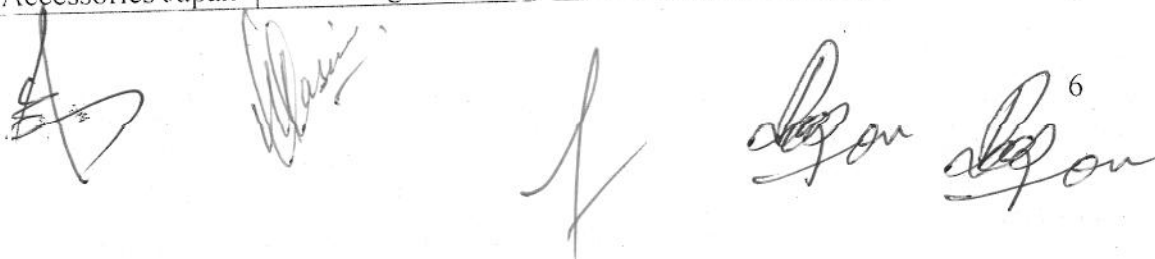
Office of the Chief Inspector of  
Mines, Mines & Mineral  
Development Department,  
Government of Sindh, St:19/1,  
Block-6, Gulshan-e-Iqbal, Near  
NIPA, Karachi.

Offer shall remain open for 90 days from the date of opening of tender. The tenderers shall quote on free delivery installation and demonstration basis to the consignee at F.O.R to Mine Polytrade Training Centre at Lakhra Near Lakhra Police Station, District Jamshoro.

The successful tenderer shall have to ensure the supply of the stores upto 9-06-2015.




Sealed tenders will be received and opened in the office of the Chief Inspector of Mines, Mines & Mineral Development Department, Government of Sindh, St:19/1, Block-6, Gulshan-e-Iqbal, Near NIPA, Karachi on the date and time mentioned above.

SR. NO	STORES	SPECIFICATION/DRAWING NO AND OTHER PARTICULARS TO GUIDE SUPPLY.	QUANTITY	COST PER UNIT			TOTAL COST
				UNIT	S.T	TOTAL	
01	Transit Theodolite 7" with Stand & Accessories Japan	Objective Lens: 40-45mm Magnification: 26-30x Resolving Power: 2.5"-3.0"	05				




		Minimum Focus: 90cm-1.4m Minimum Reading: 5"/1" Accuracy: 7 second Field of view: 1°-30° Made in EU, USA, Japan or equivalent.					
02	Indian Alidad	18" Brass with Plane table set Made in EU, USA, Japan or equivalent.	10				
03	Planimeter Digital	Made in EU, USA, Japan or equivalent.	01				
04	U-Fork (Aluminum)	Aluminum made. Made in EU, USA, Japan or equivalent.	05				
05	Plane Tables (Standard)	Metal/Wooden tripod superior quality, alidad, trough compass, level bubble, both side laminated board with rubber edge plum bob, complete with telescopic compass and tripod. Made in EU, USA, Japan or equivalent.	10				
06	Ammonia Print Machine 48"	3 lamps with all accessories. Made in EU, USA, Japan or equivalent.	01				
07	Drafting Machine	With Board Size 80cm, Japan or Italy made or equivalent with local stand.	02				
08	Global Positioning Systems, Digital with 5mm accuracy, set of two compatible to PC with software.	RTK GPS with GNSS or DGPS Survey System (Base & Rover) with all accessories. - GPS & GNSS or DGPS dual frequency with mm frequency. - Integrated wireless Bluetooth (R) with USB and Serial Port.  - Static (Base & Rover) GPS Surveying Accuracy. Horizontal ± 5mm + 1ppm Vertical ± 100 + 2ppm Real Time Kinetic (R+K) Accuracy Horizontal ± 10mm + 1ppm  Vertical ± 20 + 2ppm • Low elevation satellite tracking technology. • GPS (L1, L2), Glonass or WASS & EGNOS (L1, L2) 20 channels or more.	01				

		<p>GPS with radios 2 units.  Windows operating system with touch panel display.  Back ground imager support to plot data on satellite imagery.  Base and rover should have display screens and independent original company Data Loggers (2 nos.) (no third party data loggers) with LCD display of World Map, Data Acquisition &amp; navigation screens.  Post processing software to process GPS data (2 nos. FOR INDEPENDENT PC).  World map software to plot GPS data on the Sindh map (2 nos).  Memory 1 GB.  Water, Dust Proof &amp; Shock Proof)  Field Accessories.  Base:- Tripod, Tri Brach with U bubble and eye piece, external battery support, memory card.  Rover:- Pole with bubble, quick stand for port carry case, memory card.  Made in EU, USA, Japan or equivalent.</p>					
09	Surveying Accessories						
a)	Ink Pen Set Pointing/Steadtler or equivalent	0.25, 0.35, 0.45, 0.5, 0.6, 0.8, 1mm, 1.2mm.	10				
b)	Drawing Box	Bofa or equivalent.	02				
10	Integral Bit Drill Rods Suitable for Hand held Pneumatic Drill Machine						
a)	L=600 MM, D=40 MM	Made in EU, USA, Japan or equivalent.	10				
b)	L=1200 MM, D=40 MM	Made in EU, USA, Japan or equivalent.	10				
c)	L=1800 MM, D=40 MM	Made in EU, USA, Japan or equivalent.	10				
11	Digital Hand held Anemometer	Rang 0-100 m/sec Made in EU, USA, Japan or equivalent.	01				



12	Hydraulic Jack	6 Tons Trolley Type Made in EU, USA, Japan or equivalent.	01				
13	Chain Pully 10 tons capacity	With chain for 3 to 5 meter height Made in EU, USA, Japan or equivalent	01				
14	Anvil	25 Kg (Local)	10				
15	Ventilation Equipment Flame Proof (Imported):-	Electric Driven Mine Fan 500 mm Dia along with Collapshible tube/ Ventilation ducts 500 mm dia, Axial flow fan 5.5" gauge pressure, r.p.m 1450 Made in EU, USA, Japan or equivalent.	01				
16	Turbine Pump	Turbine Pump with Motor (80 HP) (China Made) Head 100 Meter, Discharge 1200-1500 litres/min. Along with essential accessories of G.I. Pipe, propelling shafts, starting switch and control penal. Made in EU, USA, Japan or equivalent.	01				
17	Vibration Monitor	Blast Mate II, for Blast Vibration measurements. Made in EU, USA, Japan or equivalent.	02				
18	Diesel Engine Ruston Type or equivalent Single cylinder with all accessories for measuring temperature brake, horsepower, speed indicator and compression.	Ruston Type or equivalent: single cylinder with all accessories for measuring temperature brake, horsepower, speed indicator and compression 5-10 H.P. Made in EU, USA, Japan or equivalent.	01				
19	X-Ray Plant	50 m A for Constructive Testing of Welding Made in EU, USA, Japan or equivalent.	01				
20	Wood Lath Machine	Large Size 5 ft Made in EU, USA, Japan or equivalent.	02				
21	First Aid Training Kit	Stretcher, all types of Bandages and other accessories needful for First Aid Saint John Ambulance Training standard. Made in EU, USA, Japan or equivalent.	01				





22	First Aid Box	02. Triangular Bandages 02. Crepe Bandages 02. Large wound Dressings 02. Small wound Dressings Cotton wool standard Cotton buds standard 05. Non-Adherent wound Dressings 10. Band-aids Packet of safety pins 01. Pair of Scissors 01. Pair of Tweezers Bottle of Acriflavine 20. Panadol Decore Plastic Container Made in EU, USA, Japan or equivalent.	01				
23	Resuscitation Anne	Plastic model with arrangement or resuscitation and primitive mechanism for training to rescue work in resuscitation of victims Manufactured by Laerdal, Norway or equivalent.	01				
24	Fire Suppression Foam Generation	Capacity 30G Duration 5 Minute Flow Range 20 Meter working pressure 8 Bar Compressed Air Cylinder 200 Bar. along with 400 Liters foam in 20 Liter packing. Made in EU, USA, Japan or equivalent.	01				
25	Air Current Detector (smoke tubes) pit	For measuring Air Current Measuring Range 0-10,000 fpm, Digital, Pocket Size with Data Logging Facilities. Made in EU, USA, Japan or equivalent.	02				
26	Vibration Set	With wilty table cyclone Operation Made in EU, USA, Japan or equivalent.	01				
27	Pocket weather tracker with following callibration, Kastrel or similar ) Altitude i) Pressure Trend ii) Barometric Pressure iv) Relative Humidity v) Heat Stress vi) Dew Point	Wind Speed 0.4 to 40.0 m/s Air Flow 0 to 99.999 cfm Temperature Relative Humidity non-condensing Pressure Altitude wind Chill Heat Index Dew Point Wet Bulb Temperature	02				

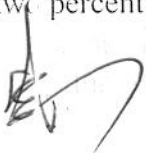
	vii)Wet Bulb Temperature viii)Density Altitude ix) Wind Chill x) Air Temperature xi)Water Temperature xii) Wind Speed	Density Altitude Made in EU, USA, Japan or equivalent.				
28	Pneumatic Rock Cutter	Medium weight Pneumatic Breakers a) Weight of Breakers = 19 Kgs b) Air Requirement = 26 L/S/6 bar c) Drill Steel Chuck = 25x108 mm d) Hose Connection = 20 mm e) Impact Frequency = 1470 Blows Per minute  <b>Accessories:</b> Lubricator, 5 Nos. Narrow Chisel Steel with length of 38 cm Made in EU, USA, Japan or equivalent.	01			
29	Portable Generator 63 KVA, 3 Phase 50 Cycle	Powered with water cooled diesel engine with alternator of 63 KVA, 3 Phase 50 Hertz, 440/220 volts with control panel and tool kit. - Electric starting system with maintenance free lead acid battery. - Tropicalized Radiator - Alternator Battery Charger - Heavy Duty Exhaust Silencer - Circuit Bracket - Heavy Duty Fabricated Steel base Frame with anti-vibration mounts - Hours run counter - off/run crank key switch - Protection Devise with indicators for high engine temperature and low oil pressure Made in EU, USA, Japan or equivalent.	01			
30	Ultrasonic Velocity Thickness meter along with accessories	i) Measuring rang 0.75 mm-199.9 mm ii) Resolution of 0.01 mm iii) Operates by PP3 alkaline battery iv) Metric and imperial versions Made in EU, USA, Japan or equivalent.	01			

31	Anemometer	0-30 m/sec with humidity calibration Made in EU, USA, Japan or similar.	01				
32	Shot Exploder 10/15 Shot	To shot 5/10/20/25/30 holes at one time. Made in USA, EU, Japan or equivalent.	02				
33	Student Desk Chair (Wooden)	Student Desk Chair (Wooden) Size = 18"x18"x2', Full Sheesham	40				
34	Office Chairs	Office Chairs (Nayloon or Cane Weaven) Full Sheesham	138				
35	Teacher Chairs (Revolving)	Teacher Chairs Sheesham (Revolving can/ Nayloon Weaven) standard size with hydraulic seat and back having tilting provision.	13				
36	Stools (Wooden)	Stools (Wooden) Size = 1 ½ 1 ft. Full Sheesham	100				
37	Student's Staff Table 2x3 (Wooden)	Student's Staff Table 2x3 (Wooden Top Texture Formica) New Board Wood	25				
38	Teacher's Table 3x5 (Wooden)	Teacher's Table 3x5 (Wooden Top Formica) with Drawers Full Sheesham	16				
39	Library Table (Wooden) with armless chairs	Library Table (Wooden Top Formica) with armless chairs for 8 persons	06				
40	Black Board	Black Board 2x6 (Ground Glass) 2x6 ½	06				
41	White Board	White Board 3x6 Lasani Pillai Board	01				
42	Drawing Table	Drawing Table 3x5 wooden	08				
43	Easy Chairs with Table	Easy Chairs with Table (4 Chairs Table) Full Sheesham	10				
44	Bench Wooden for Office	Bench Wooden for office (5') made of seasoned sheesham	10				
45	Teachers Chairs, Office Chairs	Teachers Chairs, Office Chairs (with Foam Cushion in regzine) ten years warranty Full Sheesham	47				
46	Dining Table (Wooden Top Formica) with armless chairs for 12 person	Dining Table (Wooden Top Formica) with armless chairs for 12 person Full Sheesham	06				

47	Library Table (Wooden Top Formica) with armless chairs for 8 persons	Library Table (Wooden Top Formica) with armless chairs for 8 persons	06				
48	Bed (Single bed with matrix 3x6)	Size = 3x6 Sheesham partex with Master Molty Foam	13				
49	Steel Almirah	3 1/2 x 2 1/2 x 6 22 Gage Gray Colour Hammer Spray Painted	44				
50	Computer Tables Texture Formica	(Texture Formica) Size = 24x28	06				
51	Sofa Set	(Wooden) Seven Seater Folding with Butter Fly cover by reagzine and Master Molty Form	06				
52	Table for Table Tennis	Wooden standard size	01				
53	Wooden rack for Office and Laboratory	Wooden size of rack 3'x4' depth 9" shelf 3"	60				

Note: -

Pay order in favor of Chief Inspector of Mines, Sindh Karachi bearing No..... Dated ..... of Rs.....  
2% (two percent) of total bid value is enclosed.







Signature of Owners / Proprietor

M/S.....

Registration No. (if any).....

Stamp / Seal.....

## EVALUATION CRITERIA

The bid having lowest evaluated cost and most closely conforming to evaluation criteria for each item and terms & conditions mentioned in the bidding document, as under:-

SR. NO	STORES	SPECIFICATION/DRAWING NO AND OTHER PARTICULARS TO GUIDE SUPPLY.
01	Transit Theodolite 7" with Stand & Accessories Japan	Objective Lens: 40-45mm Magnification: 26-30x Resolving Power: 2.5"-3.0" Minimum Focus: 90cm-1.4m Minimum Reading: 5"/1" Accuracy: 7 second Field of view: 1°-30° Made in EU, USA, Japan or equivalent.
02	Indian Alidad	18" Brass with Plane table set Made in EU, USA, Japan or equivalent.
03	Planimeter Digital	Made in EU, USA, Japan or equivalent.
04	U-Fork (Aluminum)	Aluminum made. Made in EU, USA, Japan or equivalent.
05	Plane Tables (Standard)	Metal/Wooden tripod superior quality, alidad, trough compass, level bubble, both side laminated board with rubber edge plum bob, complete with telescopic compass and tripod. Made in EU, USA, Japan or equivalent.
06	Ammonia Print Machine 48"	3 lamps with all accessories. Made in EU, USA, Japan or equivalent.
07	Drafting Machine	With Board Size 80cm, Japan or Italy made or equivalent with local stand.
08	Global Positioning Systems, Digital with 5mm accuracy, set of two compatible to PC with software.	RTK GPS with GNSS or DGPS Survey System (Base & Rover) with all accessories. - GPS & GNSS or DGPS dual frequency with mm frequency. - Integrated wireless Bluetooth (R) with USB and Serial Port.  - Static (Base & Rover) GPS Surveying Accuracy. Horizontal ± 5mm + 1ppm Vertical ± 100 + 2ppm Real Time Kinetic (R+K) Accuracy Horizontal ± 10mm + 1ppm Vertical ± 20 + 2ppm <ul style="list-style-type: none"> <li>• Low elevation satellite tracking technology.</li> <li>• GPS (L1, L2), Glonass or WASS &amp; EGNOS (L1, L2) 20 channels or more.</li> </ul> GPS with radios 2 units. Windows operating system with touch panel display.

		<p>Back ground imager support to plot data on satellite imagery.</p> <p>Base and rover should have display screens and independent original company Data Loggers (2 nos.) (no third party data loggers) with LCD display of World Map, Data Acquisition &amp; navigation screens.</p> <p>Post processing software to process GPS data (2 nos. FOR INDEPENDENT PC).</p> <p>World map software to plot GPS data on the Sindh map (2 nos).</p> <p>Memory 1 GB.</p> <p>Water, Dust Proof &amp; Shock Proof)</p> <p>Field Accessories.</p> <p>Base:- Tripod, Tri Brach with U bubble and eye piece, external battery support, memory card.</p> <p>Rover:- Pole with bubble, quick stand for port carry case, memory card.</p> <p>Made in EU, USA, Japan or equivalent.</p>
09	Surveying Accessories	
a)	Ink Pen Set Pointing/Steadtler equivalent or	0.25, 0.35, 0.45, 0.5, 0.6, 0.8, 1mm, 1.2mm.
b)	Drawing Box	Bofa or equivalent.
10	Integral Bit Drill Rods Suitable for Hand held Pneumatic Drill Machine	
a)	L=600 MM, D=40 MM	Made in EU, USA, Japan or equivalent.
b)	L=1200 MM, D=40 MM	Made in EU, USA, Japan or equivalent.
c)	L=1800 MM, D=40 MM	Made in EU, USA, Japan or equivalent.
11	Digital Hand held Anemometer	Rang 0-100 m/sec Made in EU, USA, Japan or equivalent.
12	Hydraulic Jack	6 Tons Trolley Type Made in EU, USA, Japan or equivalent.
13	Chain Pully 10 tons capacity	With chain for 3 to 5 meter height Made in EU, USA, Japan or equivalent
14	Anvil	25 Kg (Local)
15	Ventilation Equipment Flame Proof (Imported):-	Electric Driven Mine Fan 500 mm Dia along with Collapshible tube/ Ventilation ducts 500 mm dia, Axial flow fan 5.5" gauge pressure; r.p.m 1450 Made in EU, USA, Japan or equivalent.

16	Turbine Pump	Turbine Pump with Motor (80 HP) (China Made) Head 100 Meter, Discharge 1200-1500 litres/min. Along with essential accessories of G.I. Pipe, propelling shafts, starting switch and control panel. Made in EU, USA, Japan or equivalent.
17	Vibration Monitor	Blast Mate II, for Blast Vibration measurements. Made in EU, USA, Japan or equivalent.
18	Diesel Engine Ruston Type or equivalent Single cylinder with all accessories for measuring temperature brake, horsepower, speed indicator and compression.	Ruston Type or equivalent: single cylinder with all accessories for measuring temperature brake, horsepower, speed indicator and compression 5-10 H.P. Made in EU, USA, Japan or equivalent.
19	X-Ray Plant	50 m A for Constructive Testing of Welding Made in EU, USA, Japan or equivalent.
20	Wood Lath Machine	Large Size 5 ft Made in EU, USA, Japan or equivalent.
21	First Aid Training Kit	Stretcher, all types of Bandages and other accessories needful for First Aid Saint John Ambulance Training standard. Made in EU, USA, Japan or equivalent.
22	First Aid Box	02. Triangular Bandages 02. Crepe Bandages 02. Large wound Dressings 02. Small wound Dressings Cotton wool standard Cotton buds standard 05. Non-Adherent wound Dressings 10. Band-aids Packet of safety pins 01. Pair of Scissors 01. Pair of Tweezers Bottle of Acriflavine 20. Panadol Decore Plastic Container Made in EU, USA, Japan or equivalent.
23	Resuscitation Anne	Plastic model with arrangement or resuscitation and primitive mechanism for training to rescue work in resuscitation of victims Manufactured by Laerdal, Norway or equivalent.
24	Fire Suppression Foam Generation	Capacity 30G Duration 5 Minute Flow Range 20 Meter working pressure 8 Bar Compressed Air Cylinder 200 Bar. along with 400 Liters foam in 20 Liter packing. Made in EU, USA, Japan or equivalent.
25	Air Current Detector (smoke tubes) pit	For measuring Air Current Measuring Range 0-10,000 fpm, Digital, Pocket Size with Data Logging Facilities. Made in EU, USA, Japan or equivalent.
26	Vibration Set	With wilty table cyclone Operation Made in EU, USA, Japan or equivalent.



27	Pocket weather tracker with following callibration, Kastrel or similar i) Altitude ii) Pressure Trend iii) Barometric Pressure iv) Relative Humidity v) Heat Stress vi) Dew Point vii)Wet Bulb Temperature viii)Density Altitude ix) Wind Chill x) Air Temperature xi)Water Temperature xii) Wind Speed	Wind Speed 0.4 to 40.0 m/s Air Flow 0 to 99.999 cfm Temperature Relative Humidity non-condensing Pressure Altitude wind Chill Heat Index Dew Point Wet Bulb Temperature Density Altitude Made in EU, USA, Japan or equivalent.
28	Pneumatic Rock Cutter	Medium weight Pneumatic Breakers a) Weight of Breakers = 19 Kgs b) Air Requirement = 26 L/S/6 bar c) Drill Steel Chuck = 25x108 mm d) Hose Connection = 20 mm e) Impact Frequency = 1470 Blows Per minute  <b>Accessories:</b> Lubricator, 5 Nos. Narrow Chisel Steel with length of 38 cm Made in EU, USA, Japan or equivalent.
29	Portable Generator 63 KVA, 3 Phase 50 Cycle	Powered with water cooled diesel engine with alternator of 63 KVA, 3 Phase 50 Hertz, 440/220 volts with control panel and tool kit. - Electric starting system with maintenance free lead acid battery. - Tropicalized Radiator - Alternator Battery Charger - Heavy Duty Exhaust Silencer - Circuit Bracket - Heavy Duty Fabricated Steel base Frame with anti-vibration mounts - Hours run counter - of/run crank key switch - Protection Devise with indicators for high engine temperature and low oil pressure Made in EU, USA, Japan or equivalent.
30	Ultrasonic Velocity Thickness meter along with accessories	i) Measuring rang 0.75 mm-199.9 mm ii) Resolution of 0.01 mm iii) Operates by PP3 alkaline battery iv) Metric and imperial versions Made in EU, USA, Japan or equivalent.
31	Anemometer	0-30 m/sec with humidity cal-liberation Made in EU,USA, Japan or similar.
32	Shot Exploder 10/15 Shot	To shot 5/10/20/25/30 holes at one time. Made in USA, EU, Japan or equivalent.

33	Student Desk Chair (Wooden)	Student Desk Chair (Wooden) Size = 18"x18"x2', Full Sheesham
34	Office Chairs	Office Chairs (Nayloon or Cane Weaven) Full Sheesham
35	Teacher Chairs (Revolving)	Teacher Chairs Sheesham (Revolving can/ Nayloon Weaven) standard size with hydraulic seat and back having tilting provision.
36	Stools (Wooden)	Stools (Wooden) Size = 1 ½ 1 ft. Full Sheesham
37	Student's Staff Table 2x3 (Wooden)	Student's Staff Table 2x3 (Wooden Top Texture Formica) New Board Wood
38	Teacher's Table 3x5 (Wooden)	Teacher's Table 3x5 (Wooden Top Formica) with Drawers Full Sheesham
39	Library Table (Wooden) with armless chairs	Library Table (Wooden Top Formica) with armless chairs for 8 persons
40	Black Board	Black Board 2x6 (Ground Glass) 2x6 ½
41	White Board	White Board 3x6 Lasani Pillai Board
42	Drawing Table	Drawing Table 3x5 wooden
43	Easy Chairs with Table	Easy Chairs with Table (4 Chairs Table) Full Sheesham
44	Bench Wooden for Office	Bench Wooden for office (5') made of seasoned sheesham
45	Teachers Chairs, Office Chairs	Teachers Chairs, Office Chairs (with Foam Cushion in regzine) ten years warranty Full Sheesham
46	Dining Table (Wooden Top Formica) with armless chairs for 12 person	Dining Table (Wooden Top Formica) with armless chairs for 12 person Full Sheesham
47	Library Table (Wooden Top Formica) with armless chairs for 8 persons	Library Table (Wooden Top Formica) with armless chairs for 8 persons
48	Bed (Single bed with mattress 3x6)	Size = 3x6 Sheesham partex with Master Molty Foam
49	Steel Almirah	3 ½ x 2 ½ x 6 22 Gage Gray Colour Hammer Spray Painted
50	Computer Tables Texture Formica	(Texture Formica) Size = 24x28
51	Sofa Set	(Wooden) Seven Seater Folding with Butter Fly cover by reagzine and Master Molty Form
52	Table for Table Tennis	Wooden standard size
53	Wooden rack for Office and Laboratory	Wooden size of rack 3'x4' depth 9" shelf 3"