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NAGALND EDUCATION MISSION SOCIETY
SAMAGRA SHIKSHA
NAGALAND: KOHIMA

NOTICE INVITING TENDER

Dated Kohima the 4th March 2024

No. NLD/SS/A-13/2023-24: NIT is hereby invited from GST registered firm for supply of the following materials.

1. Bench & Desk.
2. Teacher Chair
3. Teachers Table
4. Head Master Chair
5. Head Master Table
6. Fire Extinguisher
7. EBRC Meeting Table
8. Water Purifier
9. Visitor/Meeting Chair.

Specification is given at Annexure- 1, 2, 3 , 4, 5 ,6 , 7 & 8.

Terms and condition

1. Interested firm should be registered in the State of Nagaland as per Fin. Circular Dated 28/01/2021.
2. Materials are to be delivered F.O.R. destination. List of schools with tentative items is given at **Annexure- I(Elementary) Annexure- II (Secondary) respectively.**
3. Work should be completed within 90 days from the date of issue of the order failing which penalty @ .05% from the total value of the work shall be imposed per day till completion of the work.
4. Sample should be submitted alogg with the quotation.
5. Rate should be quoted separately for GST and inclusive of F.O.R. destination.
6. The undersigned reserve the right to cancelled the NIT without assigning any reason.

4/3/2024

(TEMSUNARO AIER)
State Mission Director
Dated Kohima the 4th March 2024

No. NLD/SS/A-13/2023-24:

Copy to :

1. The Commissioner & Secretary to the Government of Nagaland, School Education Department for information.
2. The Convenor, Member Secretary & Member of NIT Committee for information and necessary action.
3. Notice board/Samagra website.
4. Office copy

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State Mission Director

Annexure- 1

Bench & Desk

SL.No	Particulars	Specifications
1	Scope of work	Providing and installing 2-seater Dual Desk school Bench - L 1050mm X H 745mm X W 930mm
2	Materials (Desk / Bench/Backrest)	Table top (Desk), Seat (Bench) and Backrest shall be made up of 18mm thick Prelaminated particle board with 2mm edge band on all sides to be cut in bean saw and edge band should be process in Through Feeds edge banding machine
3	Frame (Under Structure)	Frame structure: All side metal frame is made from 25.4mm X 50.8mm X 1mm, 25.4mm X 25.4mm X 1mm, Ø 25.4mm X 1.2mm, thick ERW tubes, Base which are welded to the desk and seat supports. All Cross Connector that are provided between 2 vertical frames at base and back seat are made from 25.4mm X 25.4mm X 1mm. The back support is provided at the rear back are made of 25.4mm X 25.4mm X 1mm square ERW tubes. The storage shelves and modesty are to be made from 0.8mm thick CRCA sheet, fixed below desk top Panel. C Frame are covered with side panel are made from 0.8mm thick CRCA sheet. Hooks are to be provide of vertical side frames on both side of desk made of 2mm sheets for hanging bags and bottles. The under structure is to be assembled using M6 Tribular screws plastics caps made of PP copolymer (grade 3530) are to be provided. The under-structure metal components shall have to be coated with 45-micron thickness of epoxy polyester coating modular structure to be assembled at site. The Vendor manufacturer should have below Certificate- ISO 9008:2015,ISO14001:2015,OHNS18001:2007,ISO 50001:2018, CIRTIFIED EPD (ENVIRONMENTAL PRODUCT DECLARATION SYSTEMS),GLOBAL GREEN GUARD CIRTIFICATION, GLOBAL GREEN PRO CERTIFIED,GREEN PRO, SEFA)
SI	**Particulars**	**Specifications**
Seat	Height of the bench (seat)	430 mm
Seat	Effective depth of seat	300 mm
Backrest	Angle between Seat and Backrest	95 degree to 100 degree
Backrest	Seat Plan to Bottom of backrest	140 mm to 160 mm
Backrest	Seat Plan to Top of backrest'	290 mm to 320 mm
Backrest	Width of backrest	150 mm
Table	Height of Top (Table)	745 mm
Table	Depth of the Top	380 mm

SL.No	Particulars (Table)	Specifications
Table	Length of Top (table)	1050 mm

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Annexure – 2

Teachers Chair

TECHNICAL SPECIFICATION

Teachers table should have desk Height 750mm +/-5, Dimension of table board: width 500 x 900mm. length

The top desk should be made of SS304, sheet thickness 1.2mm +/- 0.2, and bent in cnc 4axis press break in such a way that, thickness of top will become 25mm +/-1mm. SS top also should have emboss of 200mm length in centre edge of SS top and width 15mm +/- 3mm indent to hold pen/pencil/chalk from falling from table. The indent should be in one piece and minimum 5mm +/- 1.5mm in depth. Surface finish matt. duly buffed. And should be fitted with under structure with help of Elan bolt. Table should have CRC powder coated modesty panel of height 250mm +/- 10mm. Modesty panel should be perforated by using capsule punched holes of size 5mm x 12mm +/- 2mm. Table should also have one drawer made from CRC sheet of 0.8mm +/- 0.1 Thickness duly powder coated. Drawer size width 250mm x 450 depth. Drawer should have concealed plastic handle.

Under structure should be made from Ms ERW tubes of section 25 x 25 mm & 16 x 25 mm Thickness of the metal tube: 1.25 mm or higher. All tubes should be cut by using Laser cutting machine. And side frames should be welded using MIG welding machines no arc welding should be used. All exposed ends of tube should be covered by Plastic caps.

All metal shall be coated after being treated with at least SEVEN stages and cleaned from oil, grease, dust, rust and other dirt using special thermal control cleaning to form a layer of base coating of (zinc phosphate) (0.4 – 0.8) gm/m². Coating thickness should be between 50 to 80 micron of powder.

Company should have BIFMA 5.5-2014, EPD Registration, ISO 9001:2015, ISO 14001:2015, O.H.S.A.S 18001:2007 certifications. Manufacturer should have inhouse laboratory to test powder coated panel. Following test should be performed in house, Impact test up to 80kg, Scratch hardness test, Water drop test, Bend test. Manufacturer should have in house RO plant and etp plant. Only RO filtered water should be used for pretreatment process before powder coating.

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Annexure -3

Teacher Table Technical Specifiention

Chair for single seating with seating height 450mm with dimension of seating height 450 x width 490mm over all heigh of 800mm of back rest The size of back rest 250 x 450mm The material for Seat and back rest should be SS 304 grade stainless steel with sheet thickness 1.2mm +/- 0.2 Seat and Back should be perforated for ventilation Under structure is made from MS ERW Tubes of Diameter 22 & 19mm with tube thickness of 1.5 and 1.2mm +/-0.2. The metal framework shall be made from metal pipes. Diameter. 22 mm, thickness 1.2 mm. for chair's legs & diameter 19mm, thickness 1.5 mm for chair's back. All ends of metal pipes should be closed with plastic covers Plastic heels are to be installed at the bottom of the chair's legs. All metal pieces shall be welded together properly, strongly and in conformity with regulations. CO2 welding shall be used no arc welding can be used. Seat and Back rest should be fitted with frames by means of SS Bolts and Nut. All metal under structure shall be powder coated after being treated with at least SEVEN stages and cleaned from oil, grease, dust, rust and other dirt using special thermal control cleaning to form a layer of base coating of (zinc phosphate) (0.4 – 0.8) gm/m². Coating thickness should be between 50 to 80 micron of powder.

Company should have BIFMA 5.5-2014, EPD Registration, ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 certifications. Manufacturer should have inhouse laboratory to test powder coated panel Following test should be performed in house, Impact test up to 80kg, Scratch hardness test, Water drop test, Bend test. Manufacturer should have in house RO plant and etp plant. Only RO filtered water should be used for pretreatment process before powder coating

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Annexure -4

Technical Specifications for Chair for Headmaster

Executive high back revolving chair Mid Back Chair back size should be 47.5cm W* 77 cm D, Seat size should be 47.6cm W* 49.2cm D. Seat Assembly should be Cushioned seat made of injection molded plastic inner and outer upholstered with pure leather and molded High Resilience (HR) Polyurethane foam of density 45 kg/m3 and hardness load 16KGF as per IS 7888 for 25% compression. BACK assembly should be cushioned made of PU Foam with molded MS ERW round tube of size 1.6cm*0.16cm, upholstered with pure leather. Armrest is molded PU upholstered in pure leather, adjustable up to 6.5 cm in 5 steps. Armrest should be mounted on to a drop lift adjustable type tubular armrest support made of MS ERW Tube having chrome plated finish. Chair should be equipped with Active Bio-Synchro Mechanism: The adjustable tilting mechanism is designed with the following features: 360 degree revolving type, Front-pivot for tilt with feet resting on ground & continuous lumber ensuring more comfort, Tilt tension Adjustment can be operated in seating position, 5 position tilt limiter giving option of variable tilt angle to the chair, Seat/back tilt ratio of 1:2, The mechanism housing is made up of HPDC Aluminum & back powder coated. Seat depth should be integrated in the seat though sliding mechanism with range 6 cm. Back frame should be connected with up/dn mechanism housed in plastic spine, back support can be adjusted in the range of7cm. The pneumatic height adjustment should have adjustment stroke of 10cm. The pedestal should be high pressure die cast polished Aluminum fitted with5No.s twin wheel BIFMA. Product Should be Certified by BIFMA Level 2angreenguard (UL).

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Annexure – 5

Table for Headmaster

Headmaster Table should have desk Height 750mm +/-5, Dimension of table board: width 600mm x length 1200mm.

The top desk should be made of plb with 0.8mm thick laminate pasted on 25mm Prelaminated particle board with edge band of thickness 2 mm. Table should have CRC powder coated modesty panel of height 250mm +/- 10mm. Modesty panel should be perforated by using capsule punched holes of size 5mm x 12mm +/- 2mm. Table should also have 3 drawer pedestal made from CRC sheet of 0.8mm +/- 0.1 Thickness duly powder coated. Drawer size width 400mm x 500 depth. Understructure should be made from MS ERW tubes of section 20 x 40 mm & 20 x 20 mm Thickness of the metal tube: 1.25 mm or higher. All tubes should be cut by using Laser cutting machine. And side frames should be welded using MIG welding machines no arc welding should be used. All exposed ends of tube should be covered by Plastic caps.

All metal shall be coated after being treated with at least SEVEN stages and cleaned from oil, grease, dust, rust and other dirt using special thermal control cleaning to form a layer of base coating of (zinc phosphate) (0.4 - 0.8) gm/m². Coating thickness should be between 50 to 80 micron of powder.

Company should have BIFMA 5.5-2014, EPD Registration, ISO 9001:2015, ISO 14001:2015, O.H.S.A.S 18001:2007 certifications. Manufacturer should have inhouse laboratory to test powder coated panel. Following test should be performed in house, Impact test up to 80kg, Scratch hardness test, Water drop test, Bend test. Manufacturer should have in house RO plant and etp plant. Only RO filtered water should be used for pretreatment process before powder coating.

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Annexure – 6

Technical Specifications for Fire Extinguisher

Sl.No	Item./Model	Specifications
1	KFCRQ-3	Capacity 3 kg, Bend pipe and Horn, Fire Rating 34B, Height (Approx.) 545 mm, Diameter (Approx.) 140±10 mm Average Discharge Time 11 Sec. Average Range of throw 2 m Average Discharge 98% Operating Temperature -30 °C to +60 °C Service/Max. service/Test Pressure 60 / 105 / 205 bar Full Weight (Approx.) 13 or 14 kg Empty Weight (Approx.) 9.5 or 10.5 kg Approvals BIS, 99.95% Pure Carbon Di Oxide gas. Certifications: BIS Approved (IS 2878:2004) & CE certified. Bodies CCOE/PESO approved. High quality enamel paint. Brass valve of wheel type with pressure relief discs. Shells are Hydro tested to 250 bar. High pressure Wire braided Hose. Easy as well more economical to maintain & service. Maximum visibility during Discharge. No Electrical Conductivity Back to the operator. No Thermal or Static Shock.

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Annexure - 7

Technical Specifications For Non Electrical Water Filter

Sl.No	Item./Model	Specifications
1	**Water Purifier** Gravity Water Purifier (11014)	UF Technology Based Non-Electric & Chemical Free Counter Top 20L Storage 35.5L x 32.6W x 60H Centimetres Plastic Body Bottom tank-01, Top Tank- 01,Bottom Stand-01, Middle Partition-01

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Annexure- 8

Technical Specification for Visitor/Training Chair

Sl.No	Item	Specification
1	Visitor/Training Chair	Shape Rectangle Color Black Type of Product. Study Chair with Writing Pad Material : Plastic Height 1117.6 mm Weight : 8 Kg Arm Rest : Yes Frame Material : Carbon Steel Suitable For : Study & Home Office Care Instructions : do not use so water to clean the chair Seating Capacity : 1

11/2/2019

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