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**THE ODISHA STATE COOPERATIVE BANK LTD.**  
**Pandit Jawaharlal Nehru Marg,**  
**Bhubaneswar – 751 001**

Ref. No. OSCB/HRDD/ 1323 / 2017-18

Date : 05/06/2017

**SHORT TENDER CALL NOTICE**

Sealed item rate tenders are invited from registered and eligible civil contractors / firms for proposed construction of shed over the open roof of H.O. Building, on behalf of the Managing Director, Odisha State Cooperative Bank Ltd, Pandit Jawaharlal Nehru Marg, Bhubaneswar-751001 as follows:

Sl. No.	Name of the work	Estimated Tender Amount ( in Rs)	EMD amount ( in Rs)	Cost of Tender Paper + VAT 5% (in Rs.)	Eligibility-Class of Contractor	Period of completion
1.	Proposed construction of shed over the open roof of H.O. Building of Odisha State Cooperative Bank Ltd., Bhubaneswar,	23,30,000.00	23,300.00	6,300/-	Class-C & above	3 months

**Terms and conditions:**

1. The tender documents can be downloaded from the official website [www.odishascb.com](http://www.odishascb.com) from 06.06.2017 to 20.06.2017 and the cost thereof should be submitted in shape of DD/PO drawn in favour of M.D. OSCB with tender paper which is non-refundable. No other mode of sale of tender paper is available.
2. All tenderer shall submit two envelopes one named as Technical bid another shall be price bid.

3. Technical bid shall contain copy of valid license, organizational structure, work experience, project done of similar nature, works in hand, photograph of work executed, certificates of various clients regarding successful completion of the works, photocopy of valid and up-to-date ITCC & STCC with turnover report of last 3 years (If applicable).
4. The price bid shall contain the filled up tender form in proper manner accompanied by EMD.
5. Both the sealed envelopes shall be put in a sealed cover addressed and submitted to Managing Director, Odisha State Cooperative Bank Ltd, Pandit Jawaharlal Nehru Marg, Bhubaneswar-751001.
6. The tender papers will be received till 1.00 PM of dated 20.06.2017 and will be opened on the same day at 3.30 PM in presence of tenderer or their authorized representatives at OSCB, Head Office, Pandit Jawaharlal Nehru Marg, Bhubaneswar.
7. The EMD shall be deposited in form of account payee demand draft/ P.O from a Nationalized Bank/ Scheduled Bank in favour of Managing Director, Odisha State Cooperative Bank payable at Bhubaneswar. Tender deposited without earnest money in proper form shall be rejected without assigning any reason thereof.
8. Authority is not bound to accept the lowest tender and reserves the right to cancel or reject any or all tenders without assigning any reason thereof.

  
**Managing Director**  
**Odisha State Coop. Bank Ltd.,**  
**Bhubaneswar.**

## CONDITIONS OF CONTRACT

### 1. Eligibility Criteria:

- A) Financial Qualification:** The qualify for award of contract, each bidder in its name should have in the last 3 years.
- a) Achieved, in at least one financial year, a minimum annual financial turnover (In all classes of civil engineering construction works & repair) of Rs.50.00 lakh
  - b) Satisfactorily completed two nos. of similar special repair or construction works each costing not less than Rs.10.00 lakh, or at least one similar repair or construction work not less than Rs.20.00 lakh during last three years, completion certificate to be furnished from the competent authority.
- B) Class of Contractor:** Class C or above.
- C) Technical Qualification:** The submitted technical bid shall contain organizational structure, list of tools and plans, work experience, project done of similar nature, works in hand, photograph of work executed, certificates of various clients regarding successful completion of the works. The following documents to be submitted with the technical bid and original documents are to be brought at the time of opening for verification.
- a) Attested copy of contractors registration certificate (C Class and above),
  - b) Attested copy of valid PAN, VAT Clearance Certificate in form of VAT 62,
  - c) DD/PO of Tender cost and EMD as specified,
  - d) Notarized affidavit regarding any legal suits arbitration blacklisting from / with any client,
  - e) Registration certificate of Service Tax with up to date clearance,
  - f) Attested copy of valid ITCC and PF registration No. with latest challan copy.

166

h) Complete address of the tenderer (Communication and Permanent) with mobile number.

**No exemption/preferences will be given to the tenderers on the basis of caste, qualification or other special conditions, if any.**

2. **Earnest money deposit** : Each tender must pay an EMD of 1%(one percent) of estimated cost along with tender in the form of crossed Demand Draft /PO payable at Bhubaneswar and drawn in favour of MD, Odisha State Cooperative Bank. The EMD shall be returned to the successful tenderer on completion of work and after defect liability period.
3. **Initial Security Deposit**: After successful award of the tender, the tenderer must pay the ISD of remaining 1% of the contractual value after deduction of EMD. The ISD shall be returned to the successful tenderer on completion of work and after defect liability period. The security deposit must be done in shape of DD made in favor of Managing Director, OSCB. No other mode of deposit will be entertained.
4. **Date of commencement**: The date of commencement shall be reckoned as the date of execution of agreement with the successful tenderer.
5. **Time of completion**: The work shall be completed in all respect within a period of **3** months (~~Three~~ months) from the date of commencement.
6. **Liquidated damages**: If the contractor fails to complete the job within the stipulated time, the OSCB will be entitled to charge liquidated damages @ 1% of the accepted contract sum per week subject to a maximum of 10% of the accepted contract sum.
7. **Retention money & defects liability period**: 5% of the gross value of each running & final bill shall be retained and will be released after a period of 12 months from the date of actual completion. The contractor at their own cost shall attend to any defects noted during this period.
8. Delivery, freight and all other similar charges shall be borne by the contractor and no separate payment shall be made on these accounts.

9. All rubbish and superfluous materials shall be removed from site at the cost of the contractor after completion of work and prior to submission of final bill. Rubbish may be deposited outside Municipal limits.
10. Any damage caused by the workmen of the contractor to walls, ceiling, floors or existing furniture and fixtures etc. should be made good at their cost.
11. The contractor shall made arrangement for storage of materials, tools, equipments etc., at site and OSCB shall not bear any expenses and risks on this account.
12. The contractor shall remove from site any material found defective by OSCB during or after execution of work and such materials should not be reused in the work.
13. The contractor can do the work as per the approved drawing and designed provided by site Engineer-in-charge.
14. In case of unsatisfactory execution, in competence, bad workmanship, use of materials officially rejected by the OSCB or similar circumstances, OSCB will reserve the right to terminate the contract and engage separate agencies for completing the work on contractor's risk and cost by serving 7 days notice to the contractor.
15. The contractor will observe all necessary precautions at his own cost to safeguard the workers during execution of work.
16. The rates shall be inclusive of all duties and taxes contract sales tax, turnover tax / excise duty, entry tax and any other tax / duty like VAT, Labour Cess Service tax etc. or levy levied by the Central Govt., State Govt. and local authority and OSCB will not entertain any claims of the contractor in this respect.
17. Contractors are advised to see the proposed site before quoting their rates.
18. The contractor will have to clean the site furniture and fixture etc., up to the satisfaction of the OSCB daily up to the completion of the work.

19. The contractor shall quote their rates for the best of the materials and contractor shall obtain prior approval from the bank before placing order for the materials/ agency.
20. The contractor has to follow the instructions of the OSCB from time to time during execution of work. The contractor has to submit their running and final bills to Manager (T) for their checking/ certifying/ necessary action before forwarding to OSCB for their necessary action in the matter.
21. The contractor will have to show all the materials before providing/ using in the above work. If the contractor will not show all the materials and the same will be covered, OSCB can remove these materials, which have not been previously checked at contractor's cost and OSCB, will not bear any cost for the same.
22. The tenderer shall note that his tender shall remain open for period of 90 days from the date of opening of tender.
23. Amount of the running bill should not be less than Rs. 5.00 lakhs (Rupees **Five** lakhs only).
24. The contractors are advised to inspect the site before offering their price .The rate quoted shall be firm throughout the tenure of the contract(including extension of time if any)and will not be subject to any fluctuation due to increase in cost of materials, labour, sales tax on works contract etc.
25. Contractor has to engage specialized agencies for treatment of water proofing, anti termite works, ready mix concrete works.
26. Contractor has to arrange quality guarantee from respective manufacturers for above mentioned works.
27. The successful tenderer to whom the contract is awarded will have to deposit as initial security deposit a further sum to make up 2% of the value of the accepted tender including the Earnest Money. The initial Security Deposit may be submitted in the form of Bank Draft/ Pay order/ Banker's Cheque shall be from any Nationalized /Scheduled Bank. The initial Security deposit will have to be

made within 14 days from the date of acceptance of the tender failing which the Owner at his discretion may revoke the letter of acceptance and forfeit the Earnest Money deposit furnished along with the tender. No other mode of deposit shall be entertained.

28. The bidder is to submit the details of quarry for procurement while submitting the bids. The contractor would be responsible for procurement of materials from authorized sources and voluntarily disclose the source of procurement for the purpose of billing.
29. When the bid amount is up to 10% less than the estimated cost, no additional performance security is required to be deposited. When the bid amount is less than the estimated cost by 10%, the successful bidder will deposit the additional performance security to the extent of 1.5 times of the differential cost of the bid amount and 90% of the estimated cost. This deposit may be submitted in the form of Bank Draft/ Pay order/ Banker's Cheque shall be from any Nationalized /Scheduled Bank. No other mode of deposit shall be entertained. When the bid is abruptly less or more than the estimated cost, the authority reserves the right to reject the tender.
30. If L1 bidder does not turn up for agreement after finalization of tender, then he shall be debarred from participation in bidding for 3 years and action will be taken to blacklist the contractor.
31. If any work is extended from its prescribed quantity, the contractor will do the work at same tendered cost.
32. The branch is operational and the staff quarter is occupied, the contractor need to do all the work without disturbing daily activity of the bank/ staff residing in the quarters. (Clause Deleted)
33. No part of the contract shall be sublet or transfer be made by power of attorney authorize others to receive payment on the contractor behalf.
34. No tender documents will be sold to the intending tenderers after the last date stipulated for selling of tender papers.

35. No tenderer will be permitted to furnish their tender in their own manuscript papers.
36. Every tenderer is expected to inspect the site before quoting his rates. He should also inspect his quarries and satisfy himself about the quality, availability of materials, medical aids, labour and food stuff etc. The rates must be inclusive of all these items of work. In every case the material must comply with relevant specification and sample of materials in sealed bag may submit to Manager (T) before procurement, for testing and acceptance.
37. Bank will not however, after acceptance of contract rate, pay any extra charges for lead or for any other reason in case the contractor is found later o to have miss-judge the materials available.
38. All fittings for doors and windows supplied by the contractor should be of best quality and should be get approved by Engineer-in-charge before they are used on the work.
39. The tenders containing extraneous conditions not covered by the tender call notice are liable for rejection.
40. Letters, requests etc found in the tender box raising or lowering the rates dealing with any point in connection with the tender will not be considered.
41. The tenderer may at his option quote reasonable rate for each item of work carefully so that the rate for items should not be unworkable low or too high.
42. The contractor shall bear the cost of various incidentals, sundries and contingencies necessitated by work in full within the following category.
  - a) Suitable equipments and wearing apparatus for labors engaged in risky operations.
  - b) Suitable fencing barriers, signals including paraffin and electric signals where necessary at works and approaches in order to protect the public and employees from accidents.

- c) Compensation including cost of any suit for injury to persons or property due to neglect of any major precaution also becomes payable due to operation of Workmen compensation Act.
- d) The contractor has to arrange adequate lighting arrangement for the work wherever necessary at his own cost.

43. Before acceptance of tender, the successful bidder will be required to submit a work program and milestone basing on the financial achievement so as to complete the work within the stipulated time and in case of failure on the part of the agency to achieve the milestone liquidated damage will be imposed.

44. Every tenderer must examine the detailed specification of the bank before submitting the tender. The right is reserved without impairing the contract to make such increase or decrease in the quantities or times of work mentioned in the schedule attached to the tender notice as may be considered necessary to complete the work fully and satisfactorily. Such increase shall in no case invalidate the contractor's rates. It shall be definitely understood that the bank doesn't accept any responsibility for the correctness or completeness of the quantities shown in the schedule. The schedule is liable to alteration by omission or additions or deductions and in such cases, it doesn't invalidate the contract and no extra monetary compensation will be entertained.

45. No departmental materials will be supplied to the contractor for the above noted work from departmental store. All the materials required for the work will be arranged by the contractor at his own cost.

46. Bailing out water from the foundation either rain water or sub-soil; water, if necessary should be borne by contractor. No payments shall be made for bench marks, level pillars, profiles or benching the leveling ground where required. The rates quoted should be for finished items of work inclusive of those incidental items of work.

47. All the quantities mentioned in the schedule are combined for ground floor and multi floors in case of multi-storied buildings and the rates should be through for the same.

48. Cement concrete in roofs, slabs, beams and wherever prescribed by the Engineer-in-charge shall be machine mixed and vibrated and the contractor should arrange his own concrete mixture, vibrators and pumps etc. for this purpose.
49. The tenderer shall have to abide by the C.P.W safety code introduced by Govt. of India, Ministry of Works, Housing and Supply in their standing orders No. 44250 dt. 05.11.57.
50. Authority is not bound to accept the lowest tender and reserves the right to cancel or reject any or all tenders without assigning any reason thereof.

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
<b>A. DEMOLITION &amp; DISMANTLING</b>					
1	Dismantling and removing RCC Columns, beams, slabs, staircase, landing, lintel, etc. including stacking the usefull materials for reuse and removing the debris from the campus	CUM	2.70		
2	Dismantling brick or stone masonry in lime or cement mortar above 3.0M height including stacking the usefull materials for reuse and removing the debris from the campus	CUM	3.00		
<b>B. NEW WORK</b>					
1	Providing and laying Brick masonry work (250mm x 120mm x 80mm) in Superstructure using Fly-Ash bricks conforming to IS 12894 and IS 2212 in cement mortar (1:6) for full brick masonry (250 mm) after immersing the bricks for minimum 6 hours in water before use, with all necessary projections, splays cutting, circular moulding, corbelling, etc. as per the drawings including the cost of all materials, cost of all labour, conveyance, all taxes, royalties, loading, unloading, scaffolding, staging, watering and curing, sundries, T&P, etc. complete as per the direction of the Engineer-in-charge.	CUM	5.00		
2	Providing and laying autoclaved aerated cement blocks masonry with 230mm thick AAC block in super structure above plinth level up to floor level with RCC band at sill level and lintel level with approved block laying polymer modified adhesive mortar all complete as per direction of Engineer-in-Charge.	CUM	2.50		
3	Providing 6mm thick cement plaster in cement mortar of (1:4) to RCC surfaces such as ceilings of roof slabs, stairs, landings, chajja, shelves, columns, beams and lofts,AAC block masonry work etc. including roughening/chipping, scraping and cleaning and finishing the plastered surface smooth using wooden floats, bars, etc. only to proper plumbs and level, making grooves, beads and drip coarse to give required ornamental finish as per drawing including cost of all materials, conveyance, loading and unloading, taxes, royalties, cost of all labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.	sqm	47.50		

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
4	Providing 12mm thick cement plaster in cement mortar (1:6) to the surface of brick masonry wall including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats, bars, etc only to proper plumbs and level and making grooves, beads and drip coarse to give required ornamental finish as per drawings including cost of all materials, conveyance, loading and unloading, taxes, royalties, cost of labour, scaffolding, staging, watering before plastering and curing, sundries and T&P, etc. complete as per direction of the Engineer-in-charge.	SQM	91.98		
5	Providing 16mm thick cement plaster to the inside surface of brick masonry wall in cement mortar (1:6) including racking out joints, scraping and cleaning the surface and finishing the plaster surface smooth using wooden floats only to proper plumbs and level and making grooves, beads and drip coarse to give required ornamental finish as per drawings including cost of all materials, conveyance, loading and unloading, all taxes and royalties, all labour, scaffolding, watering and curing, sundries and T&P etc. complete as per direction of the Engineer-in-charge.	SQM	277.48		
6	Providing and applying 2 coats plastic emulsion paint of approved make, quality and shade over a coat of wall primer of approved quality to the internal plastered surfaces including thoroughly brushing the surface to make free from foreign materials, sand papering, priming including cost of all materials, cost of all labour, conveyance, taxes, loading, unloading, scaffolding, staging, watering and curing, T&P etc. complete as per the direction of the Engineer-in-charge. (Note: Colour & shade to be approved before procurment & use)	SQM	91.98		

CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING					
SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
7	<p>Providing and applying <b>two coats of Weather coat paint</b> of approved make, quality and shade to the external surface of the building over a coat of primer after finishing the plastered surfaces with Acrylic wall putty of approved make and finished the surfaces smooth and even to receive the painting after cleaning the plastered surface perfectly by watering and brushing including the cost of all materials, cost of all labour, conveyance, taxes, loading, unloading, scaffolding, staging, watering and curing, T&amp;P, etc, all complete as per the direction of Engineer-in-charge. (Note: Colour &amp; shade to be approved before procurment &amp; use).</p>	SQM	277.48		
8	<p>Providing &amp; fixing <b>Aluminium composite panels (ACP)</b> made out of 4 mm thick (0.25+3.5+0.25) with LDPE core coloured, matt finish panels on both sides; (total thickness of the panel shall be 4mm) of approved make inclusive of aluminium section (30 micron) framework out of 40 X 20mm size rectangular section No. 14019/88 from Jindal Aluminium Ltd. or equivalent approved all as per manufacturer's specifications &amp; detailed drawings &amp; the grooves location, colour etc. in all respects including cost of all material, labour, T&amp;P, Scaffolding, transportation, loading &amp; unloading etc. complete as per direction of the Consultant in all floors.. (Make: Alucobond, Alstrong or Renobond, ACP fixing will be tray type)</p>	SQM	79.20		

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
9	<p>Providing and Fixing of Aluminium Structural Glazing of Approved make to be fabricated from coloured anodised Aluminium mother frame, the size of vertical section frame being 100 x 44mm and horizontal section frame of 50 x 63mm. Accessories such as stainless steel screw, VHP tape, 789 grade silicon sealant, coir, etc to be used as per manufacturers specification including the cost of hire and running charges of drilling machine, glass cutter, fixing of 5mm thick SGG reflectasole dark grey glass, toughened, rough grinding with possessing structural silicon and weather silicon etc. complete in cluding the cost of all materials, cost of labopur, conveyance, taxes, scaffolding, loading, unloading, hire &amp; running charges of drilling machine, etc. complete as per the direction of Engineer-in-Charge. The sections are to be cut to length meter joined with corner bracket and frame are fixed to the concrete or masonry wall by means of self expanding screws, etc.</p>	SQM	45.79		
10	<p>Supplying, fitting and fixing of Vitrified Tiles in floors of size 600mm x 600mm (Coloured/Printed Series) of approved make confirming to IS 15622 laid on 20mm thick cement mortar (1:4) (1 Cement: 4 Course Sand) and filling the joints with white cement of approved quality including cost of all labour, materials, taxes, royalties, loading and unloading, conveyance, sundries, watering and curing, etc. complete as per the direction of the Engineer-in-Charge . (Note- Sample of vitrified tiles shall be approved before procurement and use.)</p>	SQM	206.13		

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
11	<p>Providing and fixing mineral fibre false ceiling tiles at all heights of size 595X595mm of approved texture, design and pattern. The tiles should have Humidity Resistance (RH) of 99%, Light Reflectance &gt; 85%, Thermal Conductivity k = 0.052 - 0.057 w/m K, Fire Performance as per (BS 476 pt - 6 &amp; 7) in true horizontal level suspended on interlocking T-Grid of hot dipped all round galvanized iron section of 0.33 mm thick (galvanized @120 gsm ) comprising of main T runners of 15x32 mm of length 3000 mm, cross T of size 15x32mm of length 1200 mm and secondary intermediate cross T of size 15x32 mm of length 600 mm to form grid module of size 600x600 mm suspended from ceiling using galvanized mild steel item (galvanised @80gsm) 50 mm long 8mm outer diameter M-6 dash fasteners, 6 mm diameter fully threaded hanger rod upto 1000 mm length and L-shape level adjuster of size 85x25x2 mm, spaced at 1200 mm centre to centre along main 'T'. The system should rest on periphery walls /partitions with the help of GI perimeter wall angle of size 24x24X3000 mm made of 0.40 mm thick sheet, to be fixed to the wall with help of plastic rawl plug at 450 mm centre to centre &amp; 40 mm long dry wall S.S. screws. The exposed bottom portion of all T-sections used in false ceiling support system shall be prepainted with polyester baked paint, for all heights. The work shall be carried out as per specifications, drawings and as per directions of the engineer-in-charge. With 16 mm thick beveled tegular mineral fibre</p>	SQM	280.00		
12	<p>Providing, fitting and fixing of 32mm thick Factory made Single Leaf Rigid FRP (alternately called GRP) Sandwich composite door shutter laminated with two GRP skins with wood grain finish, fabricated using UV-stabilized isophthalic Gelcoat and one layer of 450 gsm E-glass chopped strand mat (CSM) impregnated with orthophthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polysterene Structural (EPS) foam panel of 29mm thickness and a density of 20 Kg/Cum shall be used as core material. Wooden reinforcements made of seasoned sal wood block of cross section not less than 28mm x 32mm and also necessary sal wood reinforcements for fixing the metal fittings such as tower bolt, aldrip, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bending the core materials, the shall wood reinforcements and the skins. The mater. The material and process for manufacturing the door shutter shall confirm to RV-TIFAC composites Design Centre's standards and specifications. The rate include cost of all materials, cost of labour, conveyance, taxes, loading, unloading, T&amp;P, etc, all complete as per the direction of Engineer-in-Charge.</p>	SQM	2.10		

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
13	Providing and fixing factory made uPVC white colour sliding glazed window upto 1.50 m in height dimension comprising of uPVC multi-chambered frame with in-built roller track and sash extruded profiles duly reinforced with 1.60 ± 0.2 mm thick galvanized mild steel section made from roll forming process of required length (shape & size according to uPVC profile), appropriate dimension of uPVC extruded glazing beads and uPVC extruded interlocks, EPDM gasket, wool pile, zinc alloy (white powder coated) touch locks with hook, zinc alloy body with single nylon rollers (weight bearing capacity to be 40 kg), G.I fasteners 100 x 8 mm size for fixing frame to finished wall and necessary stainless steel screws etc. Profile of frame & sash shall be mitred cut and fusion welded at all corners, including drilling of holes for fixing hardware's and drainage of water etc. After fixing frame the gap between frame and adjacent finished wall shall be filled with weather proof silicon sealant over backer rod of required size and of approved quality, all complete as per approved drawing & direction of Engineer-in-Charge. Note: For uPVC frame and sash extruded profiles minus 5% tolerance in dimension i.e. in depth & width of profile shall be acceptable.	SQM	4.50		
14	Providing fixing thermal insulation of ceiling (under deck insulation ) with Resin Bonded Fibre glass wool conforming to IS:8183,density 24kg/m3, 50mm thick,wrapped in 200 G Virgin Polythene bags, fixed to ceiling with Metallic cleats (50x50x3 mm) @ 60cm and wire mesh of 12.5 mm x 24 gauge wire mesh , for top most ceiling of building or as per direction of Engineer in charge	SQM	231.00		
15	Providing and fixing built up members as per ASTM A 572 M Grade 345 or its equivalent with minimum strength 34.5 kN/cm2 and hot rolled members in beams and columns, channels as per IS 2062:2006 grade E 250 Type A or its equivalent of 25 kN/cm2 strength, tubes as per IS 4923:1997 Grade Yst 310 of 31 kN/cm2 as per direction of Engineer in charge	MT	2.50		
16	Providing and fixing cold formed secondary members of galvanised steel of ASTM A 653 M SS grade 340 coating Z120 of 34 kN/cm2 strength or as a per approval of the Engineer in charge	MT	1.40		
17	Providing and fixing Zinalume sheets and linera panels with valley gutters and Mwzannine deck panels as per specifications, drawings and directions of Engineer in charge	SQM	231.00		

## CONSTRUCTION OF PROPOSED SHED AT OSCB BUILDING

SL NO	DESCRIPTION OF ITEM	UNIT	QUANTITY	RATE	AMOUNT
18	Providing and fixing accessories necessary for fixing the superstructure like X bracing members like rods and angles, anchor bolts, high strength bolts and machine bolts as per specifications and direction of Engineer in charge	MT	1.50		
<b>INTERNAL ELECTRIFICATION</b>					
1	Supply, delivery and fixing of Ceiling fan hook box made out of 18 swg GI sheet and containing 10 mm dia round ms bar projecting atleast 150mm on either side & duly bent to accommodate ceiling fan down rod bolt & having earthing arrangement as per direction of Engineer-in-charge.	Each	10		
2	Supply, delivery and laying of following sizes of 2mm thick PVC Conduit concealed in wall/ column/ roof slab of the building alongwith other accessories and 18 swg GI wire complete for Electrical Wiring/Telephone / TV & Data cable wiring as required and as per direction of Engineer-in-charge.				
a)	20mm dia	Mtr	850		
b)	25mm dia	Mtr	60		