



दि ओरिएण्टल इन्शोरेंस कम्पनी लिमिटेड  
The Oriental Insurance Company Limited

**TENDER FOR INTERIOR & ELECTRICAL WORKS  
AT BALASORE –DO, THE ORIENTAL INSURANCE CO. LTD,  
BALASORE**

**FINANCIAL BID**



**ARCHITECT:**

VASTUKAR

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BHUBANESWAR-751002

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**Date of Pre-bid Meeting:**

**Last date Tender submission:29/05/2015 05.30 P.M.**

**Date of Opening:05/06/2015 (tentative)**

**PROPOSED INTERIOR & ELECTRICAL WORK  
FOR  
THE ORIENTAL INSURANCE CO. LTD.  
AT  
BALASORE BRANCH, ODISHA**

**NAME OF THE TENDERER:**

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**ADDRESS:**

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**PLACE OF SUBMISSION OF THE TENDER:**

**The Chief Regional Manager,  
The Oriental Insurance Co. Ltd. ,  
4<sup>th</sup> Floor, Alok Bharati Towers, Sahid Nagar,  
Bhubaneswar-751007  
Phone: 0674-2538318 / 2547831**

**PART-II**  
**FINANCIAL BID**

**IMPORTANT**

**The Contractor should satisfy himself that no paper or document from this sealed document is missing while submitting this tender consisting of all pages.**

**Tender issued to:**

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**Issued by :**

**Chief Regional Manager**

**Bhubaneswar Regional office**

**Alokbharati Tower, 4<sup>th</sup> Floor, Sahid Nagar,**

**Bhubaneswar-751007**

## LIST OF MATERIALS OF APPROVED BRAND AND OR MANUFACTURERS (Interior works)

- a. Locks : Godrej / Doorset
- b. Hardwares : Eari-Behiri/Arises/Httich/Harsson /EBCO/Efficient Gadgets/Equivalent
- c. Smoke Mirror/Glass : Modiguard , Saint Govind
- d. Door closer/Floor Springs : Godrej/Hardwyn
- e. Paints : Asian Paints/ Berger/ICI/Nerolac
- f. Nails, Screws etc. : Nettle Fold or equivalent
- g. Aluminium Sections/Grills : Jindal/Indal /OEL/ A lumulite Everest
- h. Floor Spring : Godrej/ Dorma
- i. False ceiling : Indian Gypsum Ltd
- j. Adhesive: Fevicol SH/ Jeevanjor
- k. Blinds: Levior/Lauflex/MAC/Annams
- l. Ply (BWR- Grade): Archid / Aeon/ Sylvanm
- m. Laminates (1.0 mm th.) : Merino / Sunmica

## LIST OF MATERIALS OF APPROVED BRAND AND OR MANUFACTURERS (Electricals)

- 01. 11 KV (UE) 3 Core, ZLPE : CCI/INCAB/RETCO. armoured cable (ISI marked).
- 02. 11 KV cable termination. : INCAB/ CCI/M-SEAL./RR KABLE
- 03. 100/500 KVA, 11/0.433 KV : OEU/KT PVT. LTD./KEO/ALPHA.DYN-II, ONAN Type cooling.
- 04. LT switch board panel. : L&T / MDS / LEGRAND/HAVELL'S
- 05. Switch fuse/fuse switch : L&T / LEGRAND./HAVELL'S units.
- 06. Protective Relays. : English Electric/GEC/Seimens/L&T.
- 07. Data Cable & I.O Box : D - Link.
- 08. Voltmeter and Ammeter. : A.E / Equivalent or MDS.
- 09. Voltmeter and Ammeter : Kaycee / MDS / L&T. Selector switch.
- 10. HRC Fuse. : LEGRAND / L&T .
- 11. HRC fuse base and carries. : LEGRAND / L&T.
- 12. 1.1KV grade PVC insulated wire and flexible cord (ISI marked). : INCAB / NICCO /RR.CABLE/RETCO. & sheathed/ insulated aluminum
- 13. 1.1 KV grade PVC insulat marked). : CCI/INCAB / RETCO./ RR KABLEED armoured aluminium cable (ISI marked).
- 14. 1.1KV grade PVC insulated : Finolex /Havell's copper wire and flexible cords.
- 15. RCCB/ELCB/MCCB. : L&T / LEGRAND/ HAVELL'S
- 16. Switch fuse with rewirable : L&T/ LEGRAND/ HAVELL'S fuses.
- 17. Isolator. : L&T / LEGRAND/ HAVELL'S
- 18. Changeover Switch. : L & T / LEGRAND/ HAVELL'S
- 19. MCB Distribution Board. : MDS / L&T/LEGRAND/HAVELL'S
- 20. MCB/MCB type Isolator. : MDS / L&T/ LEGRAND/HAVELL'S
- 21. 30/32A DP moulded Isolat : CRABERTEE / LEGRAND / ROMAING Switch.
- 22. 15/5 Amp switch & plug : CRABTEE / LEGRAND/ ROMA socket.
- 23. 15/5Amp modular switch : CRABTEE / LEGRAND/ ROMA and socket.
- 24. 15/5 Amp piano key type : CRABTEE / LEGRAND/ ROMA switch/flushed type plug socket.
- 25. Ceiling Rose. : Anchor / Cona.

26. Buzzer/Call Bell. : Cona / L.K FUGA  
27. Electrical fitting fixtures : Philips / HAVELL'S ( Lights )  
28. Electrical fitting fixtures : Bajaj/ Usha

### Balasore Branch, Odisha

Sl.no.	Items	Unit	Qty	Rate	Amount(Rs.p)
1	False Ceiling (Gypsum Board)Providing & fixing in position false ceiling in Gypboard 12 mm thick for horizontals & Verticals fixed over G.I. frame workas specified by India Gupsm Co. Ltd. including trap doors for A.C. Unit in 18mm thick M. R. Grade Plywood with Stainless Steel hinges & locks withmoulding 1" x 1" for edges including finishing with White Plastic EmulsionPaint etc. complete in all respects.(Note :- Only the plan area will bemeasured for payment. No extra payment will be made for cutouts, grooves,mouldings etc.)	Sft	1,120.00		
<b>In words Rupees:</b>					
2	Providing and fixing of doubled skinned partition using 6mm ply fixed on both side of salwood frame or 19mm play frame ( size 2" X1 1/2" placed at a distance of 2'X2' vertically and horizontally) complete with pasting of laminate on ply and fixing glass as per specification(6mm/12mm glass)				
a	Half height partition	Sft	370.00		
<b>In words Rupees:</b>					
	Providing and fixing in position partly glazed full Height Partition work as per drawing ,in frame work at 2'x2' grind (horizontally and vertically) comprising of 2"x1" Almunium section of heavy gage as per frame work shown in the drawings with 6 mm plywood on both sides finished with 1 mm thick laminates of approved shade and colour as shown in drawings. Item to include 12 mm thick glass with etching and frosting as per design and 2"x2"T.W. member for door	Sft			

	sides and glass sides and T.W. door frame to take 10 mm thick glass with etching and frosting. All exposed T.W. surfaces to be finished in melamine polish of matching laminate colour as directed including all necessary Stainless Steel finish fittings/hardware, wood preservative paint etc. as per list of approved material and as approved by the Project Consultant/Bank complete in all respects.(Note : In case of false ceiling, the vertical members to be fixed with pucca ceiling but the area of partition payable will be below the false ceiling only).				
b	Full height Partition	Sft	228.75		
<b>In words Rupees:</b>					
3	Encasing to columns , hall ETC where ever shown in drawings by fixing 6mm BWP to the frames made out of 40mm x20mm. 2 and class treated hard wood like Sal/Kasi by means of nailing or screwing over with 1 mm tk laminate fixed by means of adhesive having grooves & necessary white beach beading as directed by the Architect finished with melamine finished WB wood moulding & cornice lining . At places niches shall be created to accommodate 12 mm tk soft board & fabric of approved quality fixed with necessary frame work of wood . Niches shall be leaped with WB wood which is also melamine polished. The O H planter box as specified in other items at certain height projected from the column / walls / partitions etc fixed as per Architect's drawing/ direction. The cost includes all the materials, labour, transportation taxes etc., complete for the work.	Sft	49.50		
<b>In words Rupees:</b>					



4	<p>Providing and fixing of front office counter table size of 5'-0"X1'-9"x2'-6" consist drawer units slides on telescopic slider and a cupboard unit made-up of 19mm th.ply with locking arrangement. The unit also include a 4" front edge band . The exposed edge surfaces are to be finished with 1.0mmth.laminates as per design of approved shade and the inner surface is painted with two coat of enamel paint of approved colour over one coat of primer . A red mate key board tray, CPU tray ( EBCO make) and cable manager are to be fixed as per drawing and design. The work is to be completed with all labour and material including all the hardware required.</p>	NOS	6.00		
<b>In words Rupees:</b>					
5	<p>Providing and fixing of low height storage cabinete having 42"X18" depth of istofinishedwith1.0mm th.laminates as per design of approved shadea and the inner surface is painted with two coat of enamel paint of approved colour over one coat of primer surfaces are to be finished with as per design The workshould be completed according to drawing and design including all labour andmaterials. made out of 19mm th. board. the exposed surface</p>	NOS	6.00		
<b>In words Rupees:</b>					
	<p>Providing modular executive type manager table top of size 6'-6"x3'-0"x2'-6", a side credenza of size 3'-6"x1'-6"x2'-6" and a front drawer unit consisting 3Nos of drawer units slides oon telescopic slider made up of 19mm th.plywith locking arrangement. The exposed edge surfaces are to be finishedwith 1.0mm th.laminates as per design of approved shaded and the innersurface is painted with two coate of</p>	NOS	1.00		

	enamel paint of approved colour over one coat of primer . A redymate key board tray, CPU traly ( EBCO make) .Theside credenza wuill have two drawer unit slides on telescopic slider and two cupboard unit. The work should be completed including all labour and material				
<b>In words Rupees:</b>					
6	Providing and fixing twin,- stile door made of 50, mm thick well seasoned teak wood of special design for top and bottom stiles, fixed, portion with 8mm thick clear float glass and open able portion with 12mm thick etching glass with bank logo frosted design with necessary sand blasting/granular blasting to be provided and edge should be machine beveled polished glass, necessary hardware fixtures of approved make and design, viz. double action floor spring, brass flush bolt. Stain finish stainless steel decorative handle (approx. 300mm long) on both faces, complete as per drawing and instructions. Wooden surfaces shall, be polished in approved shade N.C. lacquer in mat satin finish. The work to be completed as per design and specification of all complete.		30.00		
7	Providing and fixing Godrej make over head door closers to manager's chamber door with necessary fixtures and fittings etc.( Providing and fixing dorset)	NOS	2.00		
<b>In words Rupees:</b>					
	Providing & fixing Godrej make heavtduty floor spring in entrance door with necessary fixtures and fittings etc.( Providing and fixing Hardwyn)	NOS	1.00		

<b>In words Rupees:</b>					
8	Providing & fabricating fixing door shutter with 28mm x 75mm height & 28mm x 75mm, 28 mm x 60mm, 28mm x 80mm rails respectively by using Giringa/ Kasi wood of well seasoned with necessary wood joining, planning, polishing etc., as per drawing matching the aligned partition . The shutter will have part glazed 8mm thk float glass side beveled , high polished with body itching of st globain & part solid one covered with 6mm BWP ply, both sides covered with 1 mm tk laminate of approved shade with necessary WB wood beading etc mat polished with melamine polish of asian / ici , complete to match the aligned partition elevations designs, therates are inclusive of cost of necessary hinges, handles, Godrej make nightlatch, hydraulic door Closure, aldrops etc., all labour, materials, taxes, leads & lift to the place of work executed to the satisfaction of the Architect.	Sft	42.00		
<b>In words Rupees:</b>					
9	Supplying, fitting & fixing in position coloured 0.33mm thickness acrylic coated cleanable/ washable vertical blinds (Marvel or its equivalent, as approved) inclusive of all recommended accessories colour pattern etc., as per Architect's approval. The cost includes all the materials, labour, transportation taxes etc., complete for the work	Sft	72.00		
<b>In words Rupees:</b>					
<b>In words Rupees .....</b>				<b>Total</b>	

only		
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Estimate for Internal Electrification work of Oriental Insurance AT Balasore					
Sl. No.	Description of Work	Unit	Qty	Rate in Rs.	Amount in Rs.
<b>A.</b>	<b><u>Wiring</u></b>				
1	Wiring to light, Wall bracket fan & 5 A plug points with 1.5sqmm FR PVC insulated 1100 volt grade multistranded copper conductor wire for phase, neutral and running earth run inside 2-mm wall thick non-metallic PVC conduit pipe on surface/recessed in wall/ column/ ceiling or wall panelling / false ceiling of the building including supply of materials such as clip-in type modular switches, metallic concealed box, wire, ceiling rose, angle / batten holder, junction box etc complete with making good the damages caused as required and as per direction of Engineer-in-charge.				
(a)	Light point	Nos	63.0		
<b>In words Rupees:</b>					
(b)	Wall fan point	Nos	10.0		
<b>In words Rupees:</b>					
(c)	6A plug on same board	Nos	10.0		
<b>In words Rupees:</b>					
(d)	2x6A plug on separate board for computer outlet	Nos	18.0		

**In words Rupees:**

2	Supply, delivery, installation & testing of 6 / 16 ampere plug boards consisting of a 16 amp clip-in type modular switch with indicator and a 6/16 amp clip-in type modular shuttered plug socket fixed on metallic concealed box including avrage length of 4.5 mtrs circuit wiring with 1.5sqmm FR PVC insulated 1100 volt grade multistranded copper conductor wire for phase, neutral and running earth run inside 2-mm wall thick non-metallic PVC conduit pipe on surface/recessed in wall/ column/ ceiling or wall panelling / false ceiling of the building including supply of materials interconnections and making good the damages caused complete as required and as per direction of Engineer-in-charge.	Nos	5.0		
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**In words Rupees:**

4	25 ampere switch boards consisting of a 25 amp clip-in type modular DP switch with indicator fixed on metallic concealed box ( for 1.5 Tr AC)	Nos	3.0		
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**In words Rupees:**

5	Wiring for <b>circuits &amp; submain</b> with following number & sizes of PVC insulated 1100 volt grade multistranded copper conductor wire run inside 2mm thick PVC conduit pipe recessed in ceiling/ column/ walls of building including supply of all materials such as wires, PVC conduit, junction box & pull box etc complete with making good the damages caused as required and as per direction of Engineer-in-charge.				-
(a)	2 numbers single core 2.5 sqmm copper wire for phase & neutral and 1 number single core 2.5 sqmm copper wire for earth continuity	Mtr	250.0		

	conductor.				
<b>In words Rupees:</b>					
(b)	2 numbers single core 4.0 sqmm copper wire for phase & neutral and 1 number single core 4.0 sqmm copper wire for earth continuity conductor.	Mtr	120.0		
<b>In words Rupees:</b>					
(c)	2 numbers single core 6.0 sqmm copper wire for phase & neutral and 1 number single core 6.0 sqmm copper wire for earth continuity conductor.	Mtr	15.0		
<b>In words Rupees:</b>					
<b>B.</b>	<b><u>Distribution Boards</u></b>				-
6	Supply, delivery, installation, testing & commissioning of L.T. indoor wall mounted type distribution boards made out of 1.6 mm thick CR sheet metal cubicle, duly acid treated for derusting, primered and painted with 2 coats of enamel paint of approved shade; dust, damp & vermin proof; having hinged door and provision for cable/ conduit entry, earthing studs as per specification mentioned below duly factory wired conforming to the relevant ISS and as per special conditions of contract making good the damages caused complete as per the direction of Engineer-in-charge.				-
(a)	<b>Distribution Board :- MDB</b>				-
	<b>Incoming:</b> 1 No, 63A, 4P MCB `C'				

					-
	<b>Outgoing : 2 Nos 40 Amp 4P MCB `C'</b>				-
	6 Nos 6-32 Amp 2P MCB as per SLD				-
	<b>Instruments:</b> 1 No 0-500 volt voltmeter with selector switch and control fuses				-
	3 Nos phase indicating lamp with control fuses	Set	1.0		
<b>In words Rupees:</b>					
(c)	<b>Branch Distribution Board (Computer):- BDB-C</b>				-
	<b>Incoming:</b> 1 No 25 Amp 2P Hpi RCCB with 30mA sensitivity				-
	<b>Outgoing : 6 Nos 6-10 Amp 1P MCB as per SLD</b>	Set	1.0		
<b>In words Rupees:</b>					
(d)	<b>Branch Distribution Board :- BDB-L</b>				-
	<b>Incoming:</b> 1 No 25 Amp 2P RCCB with 30mA sensitivity				-
	<b>Outgoing : 8 Nos 6-10 Amp 1P MCB as per SLD</b>	Set	1.0		
<b>In words Rupees:</b>					
(e)	<b>Branch Distribution Board :- BDB-P</b>				-
	<b>Incoming:</b> 1 No 40 Amp 4P RCCB with 300mA sensitivity				-
	<b>Outgoing : 9 Nos 6-32 Amp 2P MCB as per SLD</b>	Set	1.0		
<b>In words Rupees:</b>					

<b>C</b>	<b><u>FITTINGS &amp; FIXTURES</u></b>				-
7	Supply, delivery, installation and testing of following types of fluorescent tube fixtures directly on wall / ceiling of building with all accessories such as electronics ballast, high efficiency lamps, stove enamelled box, perpex sheet cover etc complete assembly including supply & fixing of teak wood round block and making connection from suitable point outlet with 3core 0.5sqmm unarmoured round flexible copper cord complete as per the direction of Engineer-in-charge.				-
(a)	<b>Supply of 1x11w Recessed Mounting Downlight</b> Light fitting with lamp similar to Philips Catalogue Type - FBS5 182XPL-S/2P11W 240V suitable for use with 2xPL-S/2P11W or equivalent complete etc as required.	Nos	63		
<b>In words Rupees:</b>					
8	Supply, delivery, installation and testing of following sweeps of star rated energy efficient a.c. ceiling fan complete with fan blades, down rod, canopies, capacitor etc including supply of sundry materials, making connection from the suitable point outlet with 3core 0.5sqmm unarmoured round flexible copper cord complete but excluding cost of fan regulator complete as required and as per the direction of Engineer-in-charge.				-
(a)	Supply & fixing of 400mm sweep ac Wall Fan	Nos	7		
<b>In words Rupees:</b>					
9	Copper earthing with copper plate 2'x2' G.I pipe,copper wire or flat,coal.salt etc.	LS			
<b>In words Rupees:</b>					



				<b>Total:-</b>	
<b>In words Rupees:</b>					

<b>Bill of Quantities for Data Cabling at Balasore Branch, The Oriental Insurance Company Limited, Balasore, Odisha</b>					
Sl.no.	Item	Qty	Unit	Rate	Amount(Rs.p)
1	Supplying and fixing of following sizes of medium class PVC conduit along with the accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required: (For Telephone / T.V. Cable).				
(a)	20 mm	Metre	205		
<b>In words Rupees:</b>					

2	Supplying and fixing 75mm x 75mm, 1 or 2 module, modular boxes, GI box along with modular base & cover plate for Telephone outlet in recess etc. as required.	Nos	18		
<b>In words Rupees:</b>					
3	Supplying and fixing following modular switch / socket on the existing modular plate & switch box including connections but excluding modular plate etc. as required.				
(a)	Telephone socket outlet	Nos	18		
<b>In words Rupees:</b>					
4	Supply & laying of cat-6 UTP cable for LAN wiring in existing conduit pipe / PVC casing capping / under floor G.I. Tunk line.	Metre	220		
<b>In words Rupees:</b>					
5	Suppling, Delivering, Installing, Testing & commissioning of following ports patch panel suitable for rack mounting (D-LINK/HP/3Com or Equivalent) (I)CAT - 6 24 port patch max	No	1.0		
<b>In words Rupees:</b>					
6	Suppling, Delivering, Installing, Testing & commissioning of following ports distribution data managed switch suitable for rack mounting (I) 24 port switch CISCO WS-C2960-24-S	No	1.0		
<b>In words Rupees:</b>					

7	Supply & Installation of 2 mtr / 1 mtr long Cat-6 patch cord (make - D-LINK/ AMP or Equivalent)				
(a)	For 1 mtr long	No	14.0		
<b>In words Rupees:</b>					
(b)	For 2 mtr long	No	14.0		
<b>In words Rupees:</b>					
				<b>TOTAL</b>	
<b>INWORDS RUPEES:</b>					