



# THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.

(A Government of Odisha Undertaking)  
JANAPATH, BHOINAGAR, BHUBANESWAR-22

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E-mail:ophwc.od@nic.in, Web:ophwc.nic.in

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## TENDER CALL NOTICE

### TENDER NO.- 20/2015-16/ELECT/OPH&WC

Sealed item rate bids in the prescribed form with detailed Tender Call Notice for purchase of internal electrical materials are invited in the single cover system from the reputed Companies / authorized Distributors or authorized Dealers for Group – “A” items and only manufactures / S.S.I. Unit for Group – “B” items. The detailed documents will be available in the website [www.ophwc.nic.in](http://www.ophwc.nic.in)

The tender document is available from : 10.00 A.M. on Dt.04/01/2016.

Last date for issue of Tender document is up to : 05.00 P.M. on Dt.22/01/2016.

Last date for receipt of Tender document is up to : 12.30 P.M. on Dt.25/01/2016.

Date of opening of Bid at : 03.30 P.M. on Dt.25/01/2016.

Sd/-  
**Joint Manager (Elect.)**

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**BHOINAGAR, BHUBANESWAR-751022, ODISHA,**  
**EPABX:0674-2541545/2542921, Fax: 0674-2541543/2541206**  
**E-mail:ophwc.od@nic.in,Web:ophwc.nic.in**

**TENDER DOCUMENT  
FOR  
PURCHASE OF  
ELECTRICAL MATERIALS  
(INTERNAL ELECTRIFICATION WORKS)  
UNDER  
DIFFERENT GRANT PROJECTS  
GROUP-B**

**TENDER NO :- 20 /2015-16/ELECT/OPH&WC**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR – 22.**

**Phone: 0674 - 2541545, 2542921  
Fax 91 - 0674 - 2541543**

**SOLD TO – M/S \_\_\_\_\_**

\_\_\_\_\_

**MONEY RECEIPT NO - \_\_\_\_\_**

**DATE - \_\_\_\_\_**

**[SIGNATURE OF THE ISSUING OFFICER]**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.**

**TENDER CALL NOTICE**

**TENDER NO :- 20 / 2015-2016 / ELECT/OPH&WC**

1. Sealed item rate bids in the prescribed form with detailed Tender Call Notice for purchase of internal electrical materials are invited in single cover system from the reputed Companies or their authorised agents / authorized Distributors or authorized Dealers for Group - A items and only Manufacturers / S.S.I. Unit for Group - B items.

SL.NO	NAME OF THE MATERIALS	GROUP	QUANTITY	COST OF TENDER DOCUMENT INCLUSIVE OF VAT (Rs.)	EMD (Rs.)
1.	Switch / Socket / Angle holder / ceiling rose / PVC materials / Wires / Cables / Fixtures & Luminaries / Air conditioners / stabilizers / etc.	“A”	As per requirement	Rs. 6300.00	Rs. 30000.00
2.	Iron Boards / G.I. Board / Panel Boards / Change over panel / F.D.B. & B.D.B etc.	“B”	As per requirement	Rs. 6300.00	Rs. 25000.00

2. The bid documents may be obtained on payment of Rs.6,300.00 [Rupees Six thousand three hundred only] [Non refundable] for each group between 10.00 A.M. to 05.00 P.M on each working day from the office of the undersigned at the Address given above of O.P.H.&WC at Bhubaneswar on or before dt.**22.01.2016**. Tender document can also be obtained through speed post by sending a self addressed stamped Rs.75.00 [Rupees Seventy five only] envelope of size 35 cm x 25 cm along with a Demand Draft / Pay Order of Rs.6300.00 [Rupees Six thousand three hundred only] [Non refundable] for each group on any scheduled Bank, payable at Bhubaneswar, drawn in favour of the **“The Odisha State Police Housing & Welfare corporation Ltd.”**. However, such request must be received by the undersigned on or before the last date for issue of tender document. The O.P.H.&W.C. authorities shall not be responsible for postal or other delays. The tender document will also be available from the web site [ophwc.nic.in](http://ophwc.nic.in) and the same can be downloaded to be used for tender offer. However in case of downloaded tender documents an amount of Rs.6300.00 [Rupees Six thousand three hundred only] [Non refundable] for each group in shape of Demand Draft / Pay Order drawn on any scheduled Bank, payable at Bhubaneswar in favour of **“The Odisha State Police Housing & Welfare corporation Ltd.”** along with the tender , failing which tender shall be liable for **rejection**.
3. The bidders are requested to submit the receipt of showing cost of tender paper along with the attested copies of ITCC, PAN card, TIN No, upto date VAT clearance certificate, Valid dealership certificate, Certificate of Manufacturer / S.S.I. Unit in support of tender, Audited balance sheet in support of turn over more than **Rs. 40.00 lakhs for Group : “A” & Rs. 35.00 lakhs for Group : “B”** in any financial year during preceding three financial years for similar type of supplies along with bid documents otherwise the bid shall be liable for rejection.
4. **EMD** - The tender shall be accompanied with EMD as mentioned above in shape of D.D. / Pay order drawn on any Nationalized Bank in favour of the **“The Odisha State Police Housing & Welfare corporation Ltd.”**, failing which the tender shall be rejected.
5. Other details can be seen in the bid documents.
6. Bids submitted otherwise than in the manner prescribed in the tender document shall be rejected.
7. The authority reserves the right to reject any or all the bids without assigning any reason thereof.
8. Last date for issue of tender document is upto : **05.00 PM on Dt.22/01/2016**.
9. Last date for receipt of tender document is upto: **12.30 P.M. on Dt.25/01/2016**.
10. Date of opening of bid at **: 03.30 P.M. on Dt.25/01/2016**.

11. An affidavit is to be furnish by the bidder at the time of submitting bid document that he is not blacklisted / defaulter dealer/manufacturer etc. The authority reserves the right to reject any or all the bids without assigning any reason thereof and can impose any conditions as deemed proper before finalisation of tender.

**Sd/-**  
**Joint Manager (Elect.)**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.**

**TENDER NO :- 20 / 2015-2016 / ELECT/OPH&WC**

**GENERAL CONDITIONS OF THE CONTRACT**

1. The tender document shall be accompany with the EMD of Rs.25000.00(Rupees Twenty five thousand only) in shape of Demand Draft / Pay Order drawn on any Nationalized Bank payable at Bhubaneswar in favour of the “**The Odisha State Police Housing & Welfare Corporation Ltd.**” failing which the tender shall be rejected.
2. The bidder should be a manufacturer / SSI unit for sale, supply and service their product. The latest authenticated documentary proof of this shall be submitted. The proof submitted earlier in some other context shall not be treated as valid and sufficient.
3. The bidders are requested to submit the receipt of showing cost of tender paper along with the attested copies of ITCC,PAN card, TIN No, upto date VAT clearance certificate, Valid dealership certificate, Certificate of Manufacturer / S.S.I. Unit in support of tender, Audited balance sheet in support of turn over more than **Rs.35.00 lakhs** in any financial year during preceding three financial years for similar type of supplies along with bid documents otherwise the bid shall be liable for rejection.
4. The bid should be superscripted with the tender for “**Supply of internal electrical materials, Tender No., Name of the group .**”
5. The tenders (also called bids) not submitted in prescribed format or in prescribed manner, shall be rejected at the risk and responsibility of bidder.
6. All the information as called for in the tender document should be submitted truly, clearly, legible, transparently, unambiguously and without the use of abbreviations. It shall be submitted in English only. If the documents are in any other language, a true translation in English, duly certified by an independent person of repute, shall be submitted.
7. All the crucial figures, like rates and amount should be written in figures followed by words in a bracket.
8. There shall be no over writing in the tender document and other papers submitted. All additions, alternations, deletions and cutting should be initialed with rubber-stamp (or seal) by the same person, who signs the tender document, failing which so, the tender may be **rejected**.

9. All the rates and amounts shall be quoted in Indian Rupee and shall be presumed to be in Indian Rupee only unless specifically permitted to be quoted otherwise in this tender document.
10. The rates quoted shall be valid for a period of one year counted from the last date of receipt of the bids or submission of tenders.
11. Each page of this tender document should be signed by the bidder with seal in token of having read, understood and accepted the terms and conditions of this contract.
12. Use separate piece of paper where the space provided in the formats in this tender document for submission of information is not sufficient.
13. Submission of more than one bid by the same bidder in response to Tender Call Notice is prohibited.
14. In case of Companies submitting bids, the Managing Director shall sign the tender document. If it is otherwise, the authority to sign the tender paper on behalf of the Company shall be enclosed. In case of Partnership firm, the active partner shall sign it. In case of a Proprietary firm, the proprietor shall sign the tender document.
15. "Legal Status" of the bidder shall mean either proprietorship or partnership or private/Public Limited Company or otherwise (to be specified) as the case may be.
16. All the promotional and technical literature in English language of the products offered shall be submitted for proper appreciation of the bid. Whether or not, specifically called for in this tender document.
17. The Bidders shall submit an undertaking regarding performance of quality and warranty for all items for a minimum period offered by the Company / Manufacturing Company at the discretion of the competent authority. Orders for the items will be placed in phase manner on identical terms and conditions within the validity period.
18. All information submitted or supplied in the formats of this tender document shall be presumed to be true to the best of knowledge of bidder.
19. The tenders/bids can be sent by post or courier as well. However, authorities shall not be responsible for postal delays in receipt of bids.
20. The firms not having VAT Registration certificate shall not be eligible for submitting the bids. The blacklisted firms shall also not be eligible for participating in the bid.
21. If the last date for receipt of the tender/bid turns out to be a holiday, it will automatically be extended to next working day.

22. The tender must accompany proof of supply of materials for internal electrification works worth Rs.35.00 lakhs (Rupees Thirty five lakhs only) in any financial year during the preceding three financial years to Govt.Deptt. / Govt.Undertakings departments failing which the tender shall be **rejected**.
23. A bid submitted can not be withdrawn. The bidder or his authorized representative (one person only) will be allowed to be present at the time of opening of tenders. They will not participate in the discussions. Clarification sought, if any may be provided by them. Bids shall be opened in the presence of the bidders or their authorised representative.
24. All or any of the tenders /bids submitted can be rejected without assigning any reason thereof. No claim, whatsoever, shall be admissible for the alleged loss/damages suffered by bidders on account of such rejections.
25. All prices quoted shall be FOR at Head Office, BBSR.
26. The authorities are not bound to accept the lowest quoted bid.
27. The order for supply may be placed on the successful bidders but the technical specifications for the purpose of supply shall be those, which were offered and accepted by the tender committee and not those specified in the tender document. The quantity of the materials mentioned in the tender schedule may increase or decrease at the discretion of the competent authority. Order for the items shall be placed in phased manner on identical terms and conditions within the validity period. The bidder shall submit an undertaking regarding performance, warranty etc. for all items for a minimum period which will be clearly mentioned in the document.
28. On delivery, the materials shall be inspected to verify the quality and to see whether those are in accordance with the technical specifications for which the order was placed. In case of substandard materials the delivery shall not be accepted at the risk and responsibility of the supplier.
29. Short deliveries / part deliveries shall not be accepted. All the items ordered must be supplied in full.
30. All transit risk shall be the responsibility of the supplier.
31. All the clarifications sought from the bidders/suppliers on technical specifications of the products or otherwise shall be promptly submitted in a transparent and unambiguous manner.
32. Terms and conditions of this tender document can not be negotiated for variations.
33. Entire tender document, duly filled in shall be treated as part of the contract agreement for supplies in case of the success bidders.



34. The authority reserves the right to reject any or all tender in whole or part, increase or decrease quantity without assigning any reason and can impose any other condition(s) as deemed proper before or in course of finalization of the tender.
35. The approved tender may be cancelled by the authority any time during validity without assigning any reason thereof and no claim can lie against OPHW&C for such cancellation.
36. All the disputes shall be subject to Jurisdiction of Civil Courts situated at Bhubaneswar.

**Seal & Signature of the Bidder.**

**Sd/-  
Joint Manager (Elect.)**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.**

**TENDER NO :- 20 / 2015-2016 /ELECT/ OPH&WC**

**SPECIAL CONDITIONS OF THE CONTRACT**

1. The special conditions given here shall prevail over the General Conditions in case of repugnancy.
2. **E.M.D** : The tender document shall accompany with the Earnest Money Deposit (EMD) as noted in the table below. Without which the tender shall be rejected. Sealed bids in this tender document have been invited for the supply of the items listed below. Detailed technical specifications of each items are available in the tender schedule.

SL.NO	NAME OF THE MATERIALS	QUANTITY	TECHNICAL SPECIFICATION	E.M.D
1.	<b>Iron Boards / G.I. Board/ Panel Boards/ F.D.B. &amp; B.D.B etc. [As per tender document]</b>	<b>As per requirement</b>	<b>Quality, Brand/Make &amp; Product codes. mentioned against each item in the tender document</b>	<b>Rs.25000.00</b>

3. **QUANTITY** : The quantity as per requirement. The rates quoted shall continue to be valid up to one year even if the quantities of the items mentioned are varied.
4. It shall not be necessary to bid all the above items. The firms may be bid for one or more of the items depending on eligibility of the bidder.
5. The bidders shall submit along with this tender document, a list of names, complete addresses, the telephone /fax numbers of the customers to whom, the items for which the bid has been submitted, have been supplied in last three years.
6. After each supply the supplier shall produce test certificate or any other document relating to the quality of the materials at the cost of the suppliers if required by the undersigned.
7. **PAYMENT** :100% of the eligible payment against proper delivery of specified quality of materials will be made at Electrical Division, Head Office in Bhubaneswar.The bills/Invoices in triplicate shall be submitted to Electrical Division , H.O. for release of payment.

8. No advance will be paid against any supply orders.
9. Supply orders will be issued by the authority to the respective approved parties after finalization of tender.

**Seal & Signature of the Bidder.**

**Sd/-  
Joint Manager (Elect.)**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.  
TENDER NO :- 20/ 2015-2016 / ELECT/OPH&WC**

**GENERAL BID FORM**

1.Name :

Full Address :

Fax No :

Telephone No :

E-mail address of the firm :

2.Legal Status of the firm :

3.Give the location and Address of your Office/ Branch office :

4. For which group you have submitted the bid :

5. Whether you are a Manufacturer / SSI unit :

6.Kindly confirm by writing” Yes” of “No” only

[A] Have you enclosed the EMD? If yes, mention the amount and its identifying details :

[B] That you have been authorized by the respective Manufacturer/Authorised Agent with supporting details :

[C] Have you enclosed the VAT clearance certificate :

[D] Have you enclosed the PAN card :

[E] Have you enclosed the audited balance sheet :

[F] Copies of assessment return of sales tax and income tax of last three years :

[G] Have you enclosed all the documents and papers called for in this tender document :

Kindly enclose a list. (Use a separate sheet of paper)

[H] If the answer to [G] above is 'No', which of the Documents / papers called for in the tender document have not enclosed.

(Kindly enclose a list of such document/papers – Use separate Sheet of paper, if necessary)

**Signature & seal of the Bidder.**

**Sd/-  
Joint Manager (Elect.)**

**THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD.  
JANPATH, BHUBANESWAR-22.**

**TENDER NO :- 20/ 2015-2016 /ELECT/ OPH&WC**

**LIST OF MATERIALS (GROUP-B)**

SL. NO	DESCRIPTION OF THE MATERIALS	UNIT	QNTY	RATES EXCLUSIVE OF VAT IN FIGURE Rs.	RATES EXCLUSIVE OF VAT IN WORDS Rs.	% OF VAT
<b>A :: M.S. IRON BOARDS</b>						
<b>18 SWG , 2" DEEP M.S IRON BOARD (C.R SHEET) DULY PAINTED IN ONE COAT OF ANTICORROSIVE PRIMER AND TWO COATS OF SMOKE GREY ENAMELLED PAINTS WITH 3 MM. THICK BAKELITE COVER (NATIONAL / ROYALAM)</b>						
1	SIZE : 4" x 4"	NO	AS PER REQUIREMENT			
2	SIZE : 6" x 4"	NO	AS PER REQUIREMENT			
3	SIZE : 8" x 6"	NO	AS PER REQUIREMENT			
4	SIZE : 8" x 10"	NO	AS PER REQUIREMENT			
5	SIZE : 8" x 4"	NO	AS PER REQUIREMENT			
6	SIZE : 10" x 4"	NO	AS PER REQUIREMENT			
7	SIZE : 12" x 4"	NO	AS PER REQUIREMENT			
8	SIZE : 10" x 12"	NO	AS PER REQUIREMENT			

9	SIZE : 20" x 10"	NO	AS PER REQUIREMENT			
<b>B :: M.S. IRON BOARDS</b>						
<b>18 SWG , 4" DEEP M.S IRON BOARD (C.R SHEET) DULY PAINTED IN ONE COAT OF ANTICORROSIVE PRIMER AND TWO COATS OF SMOKE GREY ENAMELLED PAINTS WITH 3 MM. THICK BAKELITE COVER (NATIONAL / ROYALAM)</b>						
10	SIZE : 8" x 10"	NO	AS PER REQUIREMENT			
11	SIZE : 10" x 12"	NO	AS PER REQUIREMENT			
12	SIZE : 20" x 10"	NO	AS PER REQUIREMENT			
<b>C :: G.I. BOARDS</b>						
<b>18 SWG , 2" DEEP G.I. BOARD WITH 3 MM. THICK BAKELITE COVER (NATIONAL / ROYALAM)</b>						
13	SIZE : 4" x 4"	NO	AS PER REQUIREMENT			
14	SIZE : 6" x 4"	NO	AS PER REQUIREMENT			
15	SIZE : 8" x 6"	NO	AS PER REQUIREMENT			
16	SIZE : 8" x 10"	NO	AS PER REQUIREMENT			
17	SIZE : 8" x 4"	NO	AS PER REQUIREMENT			
18	SIZE : 10" x 4"	NO	AS PER REQUIREMENT			
19	SIZE : 12" x 4"	NO	AS PER REQUIREMENT			
20	SIZE : 10" x 12"	NO	AS PER REQUIREMENT			
21	SIZE : 20" x 10"	NO	AS PER			

			REQUIREMENT			
<b>D :: G.I. BOARDS</b> <b>18 SWG , 4" DEEP G.I. BOARD WITH 3 MM. THICK BAKELITE COVER</b> <b>(NATIONAL / ROYALAM)</b>						
22	SIZE : 8" x 10"	NO	AS PER REQUIREMENT			
23	SIZE : 10" x 12"	NO	AS PER REQUIREMENT			
24	SIZE : 20" x 10"	NO	AS PER REQUIREMENT			
<b>E :: 3 MM. THICK BAKELITE COVER (NATIONAL / ROYALAM)</b>						
25	3 MM. THICK ROUND BAKELITE COVER [3 ½" DIA] (NATIONAL / ROYALAM)	NO	AS PER REQUIREMENT			
26	3 MM. THICK BAKELITE COVER (NATIONAL / ROYALAM)	SQ.IN CH	AS PER REQUIREMENT			
<b>F :: BRANCH DISTRIBUTION BOARDS</b>						
<p><b>WALL MOUNTED BRANCH DISTRIBUTION BOARD MADE OUT OF 18 SWG. C.R SHEET DULY PAINTED IN ONE COAT OF ANTICORROSIVE PRIMER AND TWO COATS OF SMOKE GREY ENAMELLED PAINTS HAVING FOLLOWING ARRANGEMENTS. [DULY WIRED WITH SOCKETING]</b></p> <p><b>ALL MAIN SWITCHES – (SIMENS / L&amp;T / HAVELL’S/ HPL /ABB /C&amp;S) MAKE</b>  <b>ALL MCB – LEGRAND MAKE [MENTION THE KA RATING]</b>  <b>ALL CUT OUT – ANCHOR / HAVELLS/BPC MAKE</b>  <b>ALL WIRINGS – FINOLEX / ANCHOR/ RR/POLYCARB MAKE WIRE [FRLS] [SIZE - AS PER CURRENT RATING]</b>  <b>NEUTRAL LINK – AS PER MAIN SWITCH CURRENT RATING</b></p>						
27	<b>MAIN IN COMING :</b> 25 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO <b>BRANCH :</b> 16 AMP. 240 VOLT CUT OUT – 05 NOS SIZE – 450 x 200 x 100 MM	SET	AS PER REQUIREMENT			



28	<b>MAIN IN COMING :</b> 25 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO <b>BRANCH :</b> 32 AMP. 240 VOLT CUT OUT – 05 NOS SIZE – 450 x 200 x 100 MM	SET	AS PER REQUIREMENT			
29	<b>MAIN IN COMING :</b> 25 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO <b>BRANCH :</b> 6 - 32 AMP. SPMCB [LEGRAND MAKE] – 05 NOS SIZE – 400 x 200 x 100 MM	SET	AS PER REQUIREMENT			
30	<b>MAIN IN COMING :</b> 32 AMP. DPMCB – 01 NO <b>BRANCH :</b> 6 - 32 AMP. SPMCB [LEGRAND MAKE] – 05 NOS SIZE – 400 x 200 x 100 MM	SET	AS PER REQUIREMENT			
31	<b>MAIN IN COMING :</b> 63 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO <b>BRANCH :</b> 32 AMP. 240 VOLT CUT OUT – 05 NOS SIZE – 500 x 250 x 110 MM	SET	AS PER REQUIREMENT			
32	<b>MAIN IN COMING :</b> 63 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO <b>BRANCH :</b> 6 - 32 AMP. SPMCB [LEGRAND MAKE] – 05 NOS SIZE – 400 x 250 x 110 MM	SET	AS PER REQUIREMENT			
33	<b>MAIN IN COMING :</b> 63 AMP. DPMCB – 01 NO <b>BRANCH :</b> 6 - 32 AMP. SPMCB [LEGRAND MAKE] – 05 NOS SIZE – 400 x 250 x 110 MM	SET	AS PER REQUIREMENT			

34	<b>MAIN IN COMING :</b> 32 AMP. ROTARY TRIPLE POLE WITH NEUTRAL MAIN SWITCH-01NO <b>BRANCH :</b> 32 AMP. 240 VOLT CUT OUT – 06 NOS SIZE – 450 x 200 x 100 MM	SET	AS PER REQUIREMENT			
35	<b>MAIN IN COMING :</b> 63 AMP. ROTARY TRIPLE POLE WITH NEUTRAL MAIN SWITCH-01NO <b>BRANCH :</b> 32 AMP. 240 VOLT CUT OUT – 06 NOS SIZE – 500 x 250 x 110 MM	SET	AS PER REQUIREMENT			
36	<b>MAIN IN COMING :</b> 32 AMP. ROTARY TRIPLE POLE WITH NEUTRAL MAIN SWITCH-01NO <b>BRANCH :</b> 32 AMP. DPMCB [LEGRAND MAKE] – 06 NOS SIZE – 400 x 200 x 100 MM	SET	AS PER REQUIREMENT			
37	<b>MAIN IN COMING :</b> 63 AMP. ROTARY TRIPLE POLE WITH NEUTRAL MAIN SWITCH-01NO <b>BRANCH :</b> 32 AMP. DPMCB [LEGRAND MAKE] – 06 NOS SIZE – 550 x 250 x 110 MM	SET	AS PER REQUIREMENT			
38	<b>MAIN IN COMING :</b> 63 AMP. FOUR POLE MCB - 01NO <b>BRANCH :</b> 32 AMP. DPMCB [LEGRAND MAKE] – 06 NOS SIZE – 550 x 250 x 110 MM	SET	AS PER REQUIREMENT			

39	ONLY MCB ENCLOSURE WITH REQUIRED SIZE BASE CHANNEL	PER WAY	AS PER REQUIREMENT			
<b>G :: MAIN SWITCHES</b>						
<b>WALL MOUNTED MAIN SWITCH BOX MADE OUT OF 18 SWG. C.R SHEET DULY PAINTED IN ONE COAT OF ANTICORROSIVE PRIMER AND TWO COATS OF SMOKE GREY ENAMELLED PAINTS HAVING FOLLOWING ARRANGEMENTS. [DULY WIRED WITH SOCKETING] [SL NO 52,53,54 &amp; 55 ITEMS ARE POWDER COATED]</b>						
<b>ALL MAIN SWITCHES – (SIMENS / L&amp;T / HAVELL’S/ HPL /ABB /C&amp;S) MAKE</b>						
<b>ALL MCB – LEGRAND MAKE [MENTION THE <u>KA</u> RATING]</b>						
<b>ALL CUT OUT – ANCHOR / HAVELLS/BPC MAKE</b>						
<b>ALL WIRINGS – FINOLEX / ANCHOR/ RR/POLYCARB MAKE WIRE [FRLS] [SIZE - AS PER CURRENT RATING]</b>						
<b>SIZE OF COPPER BUS BAR - AS PER RATING OF INCOMING MAIN SWITCH WITH COPPER NUT BOLT</b>						
<b>NEUTRAL LINK – AS PER MAIN SWITCH CURRENT RATING</b>						
<b>VOLTMETER &amp; AMMETER – AE / IMP MAKE</b>						
<b>C.T – CAPPA / A.E/SECURE</b>						
<b>INDICATOR – LED</b>						
<b>SELECTOR SWITCH – SALZAR / SURDHI</b>						
<b>BUS BAR INSULATOR – RESIN CAST DRUM INSULATOR</b>						
<b>BUS BAR CHAMBER MUST BE COVERED WITH 3 MM THICK BAKELITE COVER[NATIONAL / ROYALAM]</b>						
40	25 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO 32 AMP. 240 VOLT CUT OUT – 02 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT,COPPER BUS BAR &INDICATOR. SIZE – 450 x 450 x 175 MM	SET	AS PER REQUIREMENT			
41	32 AMP. DPMCB – 01 NO 32 AMP. 240 VOLT CUT OUT – 02 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT,COPPER BUS BAR &INDICATOR. SIZE – 450 x 450 x 175 MM	SET	AS PER REQUIREMENT			

42	25 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO 32 AMP. 240 VOLT CUT OUT – 02 NOS WITH INDICATOR AND COPPER BUS BAR SIZE – 400 x 200 x 100 MM	SET	AS PER REQUIREMENT			
43	32 AMP. DPMCB – 01 NO 32 AMP. 240 VOLT CUT OUT – 02 NOS WITH INDICATOR AND COPPER BUS BAR SIZE – 400 x 200 x 100 MM	SET	AS PER REQUIREMENT			
44	63 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO 63 AMP. 240 VOLT CUT OUT – 02 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR. SIZE – 600 x 500 x 200 MM	SET	AS PER REQUIREMENT			
45	63 AMP. DPMCB – 01 NO 63 AMP. 240 VOLT CUT OUT – 02 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR. SIZE – 600 x 500 x 200 MM	SET	AS PER REQUIREMENT			
46	63 AMP. ROTARY DOUBLE POLE MAIN SWITCH – 01 NO 63 AMP. 240 VOLT CUT OUT – 02 NOS WITH COPPER BUS BAR & INDICATOR SIZE – 500 x 500 x 200 MM	SET	AS PER REQUIREMENT			

47	63 AMP. DPMCB – 01 NO 63 AMP. 240 VOLT CUT OUT – 02 NOS WITH COPPER BUS BAR & INDICATOR SIZE – 500 x 500 x 200 MM	SET	AS PER REQUIREMENT			
48	32 AMP. ROTARY TPNMS – 01 NO 32 AMP. 415 VOLT CUT OUT – 03 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR ETC. SIZE – 600 x 600 x 200 MM	SET	AS PER REQUIREMENT			
49	32 AMP. FOUR POLE MCB – 01 NO 32 AMP. 415 VOLT CUT OUT – 03 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR ETC. SIZE – 600 x 600 x 200 MM	SET	AS PER REQUIREMENT			
50	32 AMP. ROTARY TPNMS – 01 NO 32 AMP. 415 VOLT CUT OUT – 03 NOS WITH COPPER BUS BAR & INDICATOR ETC. SIZE – 600 x 600 x 200 MM	SET	AS PER REQUIREMENT			
51	32 AMP. FOUR POLE MCB – 01 NO 32 AMP. 415 VOLT CUT OUT – 03 NOS WITH COPPER BUS BAR & INDICATOR ETC. SIZE – 600 x 600 x 200 MM	SET	AS PER REQUIREMENT			

52	63 AMP. ROTARY TPNMS – 01 NO 63 AMP. 415 VOLT CUT OUT – 03 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR ETC. SIZE – 700 x 600 x 225 MM	SET	AS PER REQUIREMENT			
53	63 AMP. FOUR POLE MCB – 01 NO 63 AMP. 415 VOLT CUT OUT – 03 NOS METER SPACE WITH LOCKING ARRANGEMENT, METER CUT OUT, COPPER BUS BAR & INDICATOR ETC. SIZE – 700 x 600 x 225 MM	SET	AS PER REQUIREMENT			
54	63 AMP. ROTARY TPNMS – 01 NO 63 AMP. 415 VOLT CUT OUT – 03 NOS WITH COPPER BUS BAR & INDICATOR ETC. SIZE – 700 x 550 x 220 MM	SET	AS PER REQUIREMENT			
55	63 AMP. FOUR POLE MCB – 01 NO 63 AMP. 415 VOLT CUT OUT – 03 NOS WITH COPPER BUS BAR & INDICATOR ETC. SIZE – 700 x 550 x 220 MM	SET	AS PER REQUIREMENT			

### H :: MAIN PANNEL BOARDS

**FLOOR / WALL MOUNTED MAIN PANNELBOARD MADE OUT OF 16 SWG. C.R SHEET DULY POWDER COATED HAVING FOLLOWING ARRANGEMENTS. [DULY WIRED WITH SOCKETING]**  
**ALL MAIN SWITCHES – (SIMENS / L&T / HPL /ABB /C&S) MAKE**  
**ALL MCB – LEGRAND MAKE [MENTION THE KA RATING]**  
**ALL CUT OUT – ANCHOR / HAVELLS/BPC MAKE**  
**ALL WIRINGS – FINOLEX / ANCHOR/ RR/POLYCAB MAKE WIRE [FRLS] [SIZE - AS PER CURRENT RATING]**  
**SIZE OF COPPER BUS BAR - AS PER RATING OF INCOMING MAIN SWITCH WITH COPPER NUT BOLT**  
**NEUTRAL LINK – AS PER MAIN SWITCH CURRENT RATING**  
**VOLTMETER & AMMETER – AE / IMP MAKE**  
**C.T – CAPPA / A.E/SECURE**  
**INDICATOR – LED**  
**SELECTOR SWITCH – SALZAR / SURDHI**  
**BUS BAR INSULATOR – RESIN CAST DRUM INSULATOR**  
**BUS BAR CHAMBER MUST BE COVERED WITH 3 MM THICK BAKELITE COVER[NATIONAL / ROYALAM]**

56	<p><u>MAIN IN COMING</u>  125 AMP. ROTARY TPNMS  WITH HRC - 01 SET  100 AMP. 415 VOLT CUT OUT  - 03 NOS METER SPACE  WITH LOCKING  ARRANGEMENT  <u>OUT GOING</u>  100 AMP, 25 / 3 MM.  COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u>  0 – 100 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  100 / 5 AMP. CT - 01 SET  0 – 500 VOLT VOLTMETER  WITH SELECTORSWITCH -  01 SET  INDICATING LAMP WITH  CONTROLLING SWITCH - 01  SET  SIZE – 900 x 900 x 250 MM</p>	SET	AS PER REQUIREMENT			
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57	<p><u>MAIN IN COMING</u> 125 AMP. TPMCCB [25 KA] - 01 SET 100 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p> <p><u>OUT GOING</u> 100 AMP, 25 / 3 MM. COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 5 AMP. CT - 01 SET 0 – 500 VOLT VOLTMETER WITH SELECTORSWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 250 MM</p>	SET	AS PER REQUIREMENT			
58	<p><u>MAIN IN COMING</u> 125 AMP. ROTARY TPNMS WITH HRC - 01 SET 100 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u> 100 AMP, 25 / 3 MM. COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 5 AMP. CT - 01 SET 0 – 500 VOLT VOLTMETER WITH SELECTORSWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p>	SET	AS PER REQUIREMENT			



	SIZE – 900 x 800 x 200 MM				
59	<u>MAIN IN COMING</u> 125 AMP. TPMCCB [25 KA] - 01 SET 100 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE <u>OUT GOING</u> 100 AMP, 25 / 3 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 5 AMP. CT - 01 SET 0 – 500 VOLT VOLTMETER WITH SELECTORSWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 800 x 200 MM	SET	AS PER REQUIREMENT		
60	<u>MAIN IN COMING</u> 125 AMP. ROTARY TPNMS WITH HRC - 01 SET 125 AMP. 415 VOLT CUT OUT - 03 NOS. METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 63 AMP. ROTARY TPNMS - 03 NOS WITH CONNECTOR 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INDICATING LAMP AND CONTROLLING SWITCH - 03 SET FOR 63 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET	SET	AS PER REQUIREMENT		

	<p>100 / 5 AMP. CT - 01 SET                  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE – 1200 x 900 x 250 MM</p>				
61	<p><u>MAIN IN COMING</u>                  125 AMP. TPMCCB [25 KA] - 01 SET                  125 AMP. 415 VOLT CUT OUT - 03 NOS. METER SPACE WITH LOCKING ARRANGEMENT  <u>OUT GOING</u>                  63 AMP. TPNMCB [10 KA] - 03 SETS WITH CONNECTOR                  125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS                  INDICATING LAMP AND CONTROLLING SWITCH - 03 SET FOR 63 AMP. TPNMCB  <u>INSTRUMENTS</u>                  0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET                  100 / 5 AMP. CT - 01 SET                  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE – 1200 x 900 x 250 MM</p>	SET	AS PER REQUIREMENT		
62	<p><u>MAIN IN COMING</u>                  125 AMP. ROTARY TPNMS WITH HRC - 01 SET                  125 AMP. 415 VOLT CUT OUT - 03 NOS. <b>WITHOUT</b> METER SPACE  <u>OUT GOING</u></p>	SET	AS PER REQUIREMENT		

	63 AMP. ROTARY TPNMS - 03 NOS 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INDICATING LAMP AND CONTROLLING SWITCH - 03 SET FOR 63 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 200 MM				
63	<u>MAIN IN COMING</u> 125 AMP. TPMCCB [25 KA] - 01 SET 125 AMP. 415 VOLT CUT OUT - 03 NOS. <b>WITHOUT</b> METER SPACE <u>OUT GOING</u> 63 AMP. TPNMCB [10 KA] - 03 NOS 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS INDICATING LAMP AND CONTROLLING SWITCH - 03 SET FOR 63 AMP. TPNMCB <u>INSTRUMENTS</u> 0 – 100 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 100 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET	SET	AS PER REQUIREMENT		

	INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 200 MM					
64	<u>MAIN IN COMING</u> 125 AMP. ROTARY TPNMS WITH HRC - 01 SET 125 AMP. 415 VOLT CUT OUT - 03 NOS. <u>OUT GOING</u> 32 AMP. DPMCB - 10 NOS 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u> INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 800 x 700 x 200 MM	SET	AS PER REQUIREMENT			
65	<u>MAIN IN COMING</u> 125 AMP. TPMCCB - 01 SET <u>OUT GOING</u> 32 AMP. DPMCB - 12 NOS 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 700 x 600 x 200 MM	SET	AS PER REQUIREMENT			
66	<u>MAIN IN COMING</u> 200 AMP. ROTARY TPNMS WITH HRC - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> 0 –200 AMP. AMMETER	SET	AS PER REQUIREMENT			

	<p>WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 250 MM</p>				
67	<p><u>MAIN IN COMING</u> 200 AMP. TPMCCB [35 KA] - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u> 0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 250 MM</p>	SET	AS PER REQUIREMENT		
68	<p><u>MAIN IN COMING</u> 200 AMP. ROTARY TPNMS WITH HRC - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS</p>	SET	AS PER REQUIREMENT		

	<p><u>INSTRUMENTS</u>                  0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET                  200 / 5 AMP. CT - 01 SET                  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE – 800 x 900 x 200 MM</p>				
69	<p><u>MAIN IN COMING</u>                  200 AMP. TPMCCB [35 KA] - 01 SET                  200 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE  <u>OUT GOING</u>                  200 AMP , 25 / 6 MM.                  COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u>                  0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET                  200 / 5 AMP. CT - 01 SET                  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE – 800 x 900 x 200 MM</p>	SET	AS PER REQUIREMENT		
70	<p><u>MAIN IN COMING</u>                  200 AMP. ROTARY TPNMS WITH HRC - 01 SET                  200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT  <u>OUT GOING</u>                  200 AMP , 25 / 6 MM.</p>	SET	AS PER REQUIREMENT		

	<p>COPPER BUS BAR - 04 NOS 125 AMP. ROTARY TPNMS WITH HRC - 02 SETS INDICATING LAMP AND CONTROLLING SWITCH - 02 SETS FOR 125 AMP. ROTARY TPNMS</p> <p><u>INSTRUMENTS</u> 0 - 200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 - 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE - 1200 x 1000 x 250 MM</p>				
71	<p><u>MAIN IN COMING</u> 200 AMP. TPMCCB [35 KA] - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS 125 AMP. TPMCCB [25 KA] - 02 SETS INDICATING LAMP AND CONTROLLING SWITCH - 02 SET FOR 125 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 - 200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 - 500 VOLT. VOLTMETER</p>	SET	AS PER REQUIREMENT		

	WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1000 x 250 MM					
72	<u>MAIN IN COMING</u> 200 AMP. ROTARY TPNMS WITH HRC - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS 125 AMP. ROTARY TPNMS WITH HRC - 02 SETS INDICATING LAMP AND CONTROLLING SWITCH - 02 SET FOR 125 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1000 x 1000 x 200	SET	AS PER REQUIREMENT			
73	<u>MAIN IN COMING</u> 200 AMP. TPMCCB [35 KA] - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS	SET	AS PER REQUIREMENT			



	<p>125 AMP. TPMCCB [25 KA] - 02 SETS  INDICATING LAMP AND CONTROLLING SWITCH - 02 SET FOR 125 AMP. TPMCCB  <u>INSTRUMENTS</u>  0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET  200 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET  SIZE – 1000 x 1000 x 200</p>				
74	<p><u>MAIN IN COMING</u>  200 AMP. ROTARY TPNMS WITH HRC - 01 SET  200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT  <u>OUT GOING</u>  200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS  63 AMP. ROTARY TPNMS WITH HRC - 03 SETS  INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. ROTARY TPNMS</p> <p><u>INSTRUMENTS</u>  0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET  200 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p>	SET	AS PER REQUIREMENT		

	INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1000 x 250 MM					
75	<u>MAIN IN COMING</u> 200 AMP. TPMCCB [35 KA] - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS 63 AMP. TPMCB [10 KA] - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. TPMCB <u>INSTRUMENTS</u> 0 –200 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1000 x 250 MM	SET	AS PER REQUIREMENT			
76	<u>MAIN IN COMING</u> 200 AMP. ROTARY TPNMS WITH HRC - 01 SET 200 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 200 AMP , 25 / 6 MM. COPPER BUS BAR - 04 NOS 63 AMP. ROTARY TPNMS	SET	AS PER REQUIREMENT			

	<p>WITH HRC - 01 SET  INDICATING LAMP AND  CONTROLLING SWITCH - 01  SET FOR 63 AMP. ROTARY  TPNMS  <u>INSTRUMENTS</u>  0 –200 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  200 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER  WITH SELECTOR SWITCH -  01 SET  INDICATING LAMP WITH  CONTROLLING SWITCH - 01  SET  SIZE – 1200 x 1000 x 250 MM</p>				
77	<p><u>MAIN IN COMING</u>  200 AMP. TPMCCB [35 KA] -  01 SET  200 AMP. 415 VOLT CUT OUT  - 03 NOS METER SPACE  WITH LOCKING  ARRANGEMENT  <u>OUT GOING</u>  200 AMP , 25 / 6 MM.  COPPER BUS BAR - 04 NOS  63 AMP. TPMCB [10 KA] - 01  SET  INDICATING LAMP AND  CONTROLLING SWITCH - 01  SET FOR 63 AMP. TPMCB  <u>INSTRUMENTS</u>  0 –200 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  200 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER  WITH SELECTOR SWITCH -  01 SET  INDICATING LAMP WITH</p>	SET	AS PER REQUIREMENT		

	CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1000 x 250 MM				
78	<u>MAIN IN COMING</u> 200 AMP. TPNMCCB - 01 SET <u>OUT GOING</u> 32 AMP. DPMCB - 18 NOS 63 AMP. TPNMCB - 03 NOS 200 AMP. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 200 MM	SET	AS PER REQUIREMENT		
79	<u>MAIN IN COMING</u> 200 AMP. TPNMCCB - 01 SET <u>OUT GOING</u> 32 AMP. DPMCB - 24 NOS 200 AMP. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 200 MM	SET	AS PER REQUIREMENT		
80	<u>MAIN IN COMING</u> 200 AMP. ROTARY TPNMS WITH HRC - 01 SET <u>OUT GOING</u> 63 AMP. ROTARY TRIPLE POLE MAIN SWITCH WITH HRC - 02 SETS 63 AMP. ROTARY DOUBLE POLE MAIN SWITCH - 02 SETS 32 AMP. ROTARY DOUBLE POLE MAIN SWITCH - 02 SETS <u>INSTRUMENTS</u> 0 –200 AMP. AMMETER	SET	AS PER REQUIREMENT		

	<p>WITH SELECTOR SWITCH - 01 SET 200 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 850 x 200 MM</p>				
81	<p><u>MAIN IN COMING</u> 400 AMP. ROTARY TPNMS WITH HRC - 01 SET 400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> 0 –400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 400 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1000 x 1000 x 250 MM</p>	SET	AS PER REQUIREMENT		
82	<p><u>MAIN IN COMING</u> 400 AMP. TPMCCB [35 KA] - 01 SET 400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS</p>	SET	AS PER REQUIREMENT		

	<p><u>INSTRUMENTS</u>                  0-400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET                  400 / 5 AMP. CT - 01 SET                  0 - 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE - 1000 x 1000 x 250 MM</p>				
83	<p><u>MAIN IN COMING</u>                  400 AMP. ROTARY TPNMS WITH HRC - 01 SET                  400 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE  <u>OUT GOING</u>                  500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u>                  0-400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET                  400 / 5 AMP. CT - 01 SET                  0 - 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET                  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET                  SIZE - 900 x 900 x 250 MM</p>	SET	AS PER REQUIREMENT		
84	<p><u>MAIN IN COMING</u>                  400 AMP. TPMCCB [35 KA] - 01 SET                  400 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE  <u>OUT GOING</u>                  500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS</p>	SET	AS PER REQUIREMENT		

	<u>INSTRUMENTS</u> 0 –400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 400 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 900 x 900 x 250 MM				
85	<u>MAIN IN COMING</u> 400 AMP. ROTARY TPNMS WITH HRC - 01 SET 400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS 125 AMP. ROTARY TPNMS WITH HRC - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 –400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 400 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1400 x 1200 x 250 MM	SET	AS PER REQUIREMENT		

<p>86</p>	<p><u>MAIN IN COMING</u>            400 AMP. TPMCCB [35 KA] - 01 SET            400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p> <p><u>OUT GOING</u>            500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS            125 AMP. TPMCCB [25 KA] - 03 SETS            INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. TPMCCB</p> <p><u>INSTRUMENTS</u>            0 –400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET            400 / 5 AMP. CT - 01 SET            0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET            INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET            SIZE – 1400 x 1200 x 250 MM</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>			
<p>87</p>	<p><u>MAIN IN COMING</u>            400 AMP. ROTARY TPNMS WITH HRC - 01 SET            400 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u>            500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS            125 AMP. ROTARY TPNMS WITH HRC - 03 SETS            INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. ROTARY</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>			



	<p>TPNMS</p> <p><u>INSTRUMENTS</u>  0 –400 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  400 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER  WITH SELECTOR SWITCH -  01 SET  INDICATING LAMP WITH  CONTROLLING SWITCH - 01  SET  SIZE – 1000 x 1200 x 250 MM</p>				
88	<p><u>MAIN IN COMING</u>  400 AMP. TPMCCB [35 KA] -  01 SET  400 AMP. 415 VOLT CUT OUT  - 03 NOS <b>WITHOUT</b> METER  SPACE  <u>OUT GOING</u>  500 AMP , 40 / 6 MM.  COPPER BUS BAR - 04 NOS  125 AMP. TPMCCB [25 KA] -  03 SETS  INDICATING LAMP AND  CONTROLLING SWITCH - 03  SETS FOR 125 AMP. TPMCCB</p> <p><u>INSTRUMENTS</u>  0 –400 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  400 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER  WITH SELECTOR SWITCH -  01 SET  INDICATING LAMP WITH  CONTROLLING SWITCH - 01  SET  SIZE – 1000 x 1200 x 250 MM</p>	SET	AS PER REQUIREMENT		

<p>89</p>	<p><u>MAIN IN COMING</u>            400 AMP. ROTARY TPNMS WITH HRC - 01 SET            400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT  <u>OUT GOING</u>            500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS            125 AMP. ROTARY TPNMS WITH HRC - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. ROTARY TPNMS            63AMP. ROTARY TPNMS WITH HRC - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. ROTARY TPNMS  <u>INSTRUMENTS</u>            0 –400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET            400 / 5 AMP. CT - 01 SET            0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET            INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET            SIZE – 1600 x 1200 x 250 MM</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>		
<p>90</p>	<p><u>MAIN IN COMING</u>            400 AMP. TPMCCB [35 KA] - 01 SET            400 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT  <u>OUT GOING</u></p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>		

	<p>500 AMP , 40 / 6 MM.  COPPER BUS BAR - 04 NOS  125 AMP. TPMCCB [25 KA] -  03 SETS  INDICATING LAMP AND  CONTROLLING SWITCH - 03  SETS FOR 125 AMP. TPMCCB  63 AMP. TPMCB [10 KA] - 03  SETS  INDICATING LAMP AND  CONTROLLING SWITCH - 03  SETS FOR 63 AMP. TPMCB  <u>INSTRUMENTS</u>  0 –400 AMP. AMMETER  WITH SELECTOR SWITCH -  01 SET  400 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER  WITH SELECTOR SWITCH -  01 SET  INDICATING LAMP WITH  CONTROLLING SWITCH - 01  SET  SIZE – 1600 x 1200 x 250 MM</p>				
91	<p><u>MAIN IN COMING</u>  400 AMP. ROTARY TPNMS  WITH HRC - 01 SET  400 AMP. 415 VOLT CUT OUT  - 03 NOS <b>WITHOUT METER  SPACE</b>  <u>OUT GOING</u>  500 AMP , 40 / 6 MM.  COPPER BUS BAR - 04 NOS  125 AMP. ROTARY TPNMS  WITH HRC - 03 SETS  INDICATING LAMP AND  CONTROLLING SWITCH - 03  SETS FOR 125 AMP. ROTARY  TPNMS  63AMP. ROTARY TPNMS  WITH HRC - 03 SETS  INDICATING LAMP AND</p>	SET	AS PER REQUIREMENT		

	<p>CONTROLLING SWITCH - 03 SETS FOR 63 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 – 400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 400 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1200 x 250 MM</p>					
<p>92</p>	<p><u>MAIN IN COMING</u> 400 AMP. TPMCCB [35 KA] - 01 SET 400 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT METER</b> <b>SPACE</b> <u>OUT GOING</u> 500 AMP , 40 / 6 MM. COPPER BUS BAR - 04 NOS 125 AMP. TPMCCB [25 KA] - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. TPMCCB 63 AMP. TPMCB [10 KA] - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. TPMCB <u>INSTRUMENTS</u> 0 – 400 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 400 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>			

	INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1200 x 250 MM				
93	<u>MAIN IN COMING</u> 600 AMP. ROTARY TPNMS WITH HRC - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 600 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> 0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 1200 x 300 MM	SET	AS PER REQUIREMENT		
94	<u>MAIN IN COMING</u> 600 AMP. TPMCCB [35 KA] - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT <u>OUT GOING</u> 600 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS <u>INSTRUMENTS</u> 0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER	SET	AS PER REQUIREMENT		

	<p>WITH SELECTOR SWITCH - 01 SET  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET  SIZE – 1200 x 1200 x 300 MM</p>				
95	<p><u>MAIN IN COMING</u>  600 AMP. ROTARY TPNMS WITH HRC - 01 SET  600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u>  600 AMP , 40 / 10 MM.  COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u>  0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET  600 / 5 AMP. CT - 01 SET  0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET  INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET  SIZE – 1200 x 800 x 300 MM</p>	SET	AS PER REQUIREMENT		
96	<p><u>MAIN IN COMING</u>  600 AMP. TPMCCB [35 KA] - 01 SET  600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u>  600 AMP , 40 / 10 MM.  COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u>  0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET  600 / 5 AMP. CT - 01 SET</p>	SET	AS PER REQUIREMENT		

	<p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1200 x 800 x 300 MM</p>				
97	<p><u>MAIN IN COMING</u></p> <p>600 AMP. ROTARY TPNMS WITH HRC - 01 SET</p> <p>600 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p> <p><u>OUT GOING</u></p> <p>600 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS</p> <p>125 AMP. ROTARY TPNMS WITH HRC - 03 SETS</p> <p>INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. ROTARY TPNMS</p> <p><u>INSTRUMENTS</u></p> <p>0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET</p> <p>600 / 5 AMP. CT - 01 SET</p> <p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1400 x 1200 x 300 MM</p>	SET	AS PER REQUIREMENT		
98	<p><u>MAIN IN COMING</u></p> <p>600 AMP. TPMCCB [35 KA] - 01 SET</p> <p>600 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p>	SET	AS PER REQUIREMENT		

	<p><u>OUT GOING</u>          600 AMP , 40 / 6 MM.          COPPER BUS BAR - 04 NOS          125 AMP. TPMCCB [25 KA] -          03 SETS          INDICATING LAMP AND          CONTROLLING SWITCH - 03          SETS FOR 125 AMP. TPMCCB  <u>INSTRUMENTS</u>          0 –600 AMP. AMMETER          WITH SELECTOR SWITCH -          01 SET          600 / 5 AMP. CT - 01 SET          0 – 500 VOLT. VOLTMETER          WITH SELECTOR SWITCH -          01 SET          INDICATING LAMP WITH          CONTROLLING SWITCH - 01          SET          SIZE – 1400 x 1200 x 300 MM</p>					
<p>99</p>	<p><u>MAIN IN COMING</u>          600 AMP. ROTARY TPNMS          WITH HRC - 01 SET          600 AMP. 415 VOLT CUT OUT          - 03 NOS <b>WITHOUT</b> METER          SPACE  <u>OUT GOING</u>          600 AMP , 40 / 10 MM.          COPPER BUS BAR - 04 NOS          125 AMP. ROTARY TPNMS          WITH HRC - 03 SETS          INDICATING LAMP AND          CONTROLLING SWITCH - 03          SETS FOR 125 AMP. ROTARY          TPNMS    <u>INSTRUMENTS</u>          0 –600 AMP. AMMETER          WITH SELECTOR SWITCH -          01 SET          400 / 5 AMP. CT - 01 SET</p>	<p>SET</p>	<p>AS PER          REQUIREMENT</p>			



	<p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1000 x 1200 x 300 MM</p>				
100	<p><u>MAIN IN COMING</u></p> <p>600 AMP. TPMCCB [35 KA] - 01 SET</p> <p>600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u></p> <p>600 AMP , 40 / 10 MM.</p> <p>COPPER BUS BAR - 04 NOS</p> <p>125 AMP. TPMCCB [25 KA] - 03 SETS</p> <p>INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. TPMCCB</p> <p><u>INSTRUMENTS</u></p> <p>0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET</p> <p>600 / 5 AMP. CT - 01 SET</p> <p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1000 x 1200 x 300 MM</p>	SET	AS PER REQUIREMENT		
101	<p><u>MAIN IN COMING</u></p> <p>600 AMP. ROTARY TPNMS WITH HRC - 01 SET</p> <p>600 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p> <p><u>OUT GOING</u></p> <p>600 AMP , 40 / 10 MM.</p>	SET	AS PER REQUIREMENT		

	<p>COPPER BUS BAR - 04 NOS          125 AMP. ROTARY TPNMS          WITH HRC - 03 SETS          INDICATING LAMP AND          CONTROLLING SWITCH - 03          SETS FOR 125 AMP. ROTARY          TPNMS          63AMP. ROTARY TPNMS          WITH HRC - 03 SETS          INDICATING LAMP AND          CONTROLLING SWITCH - 03          SETS FOR 63 AMP. ROTARY          TPNMS  <u>INSTRUMENTS</u>          0 –600 AMP. AMMETER          WITH SELECTOR SWITCH -          01 SET          600 / 5 AMP. CT - 01 SET          0 – 500 VOLT. VOLTMETER          WITH SELECTOR SWITCH -          01 SET          INDICATING LAMP WITH          CONTROLLING SWITCH - 01          SET          SIZE – 1700 x 1200 x 300 MM</p>					
<p>102</p>	<p><u>MAIN IN COMING</u>          600 AMP. TPMCCB 35 KA] -          01 SET          600 AMP. 415 VOLT CUT OUT          - 03 NOS METER SPACE          WITH LOCKING          ARRANGEMENT  <u>OUT GOING</u>          600 AMP , 40 / 10 MM.          COPPER BUS BAR - 04 NOS          125 AMP. TPMCCB [25 KA] -          03 SETS          INDICATING LAMP AND          CONTROLLING SWITCH - 03          SETS FOR 125 AMP. TPMCCB          63 AMP. TPMCB - 03 SETS          INDICATING LAMP AND</p>	<p>SET</p>	<p>AS PER          REQUIREMENT</p>			

	<p>CONTROLLING SWITCH - 03 SETS FOR 63 AMP. TPMCB <u>INSTRUMENTS</u> 0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1700 x 1200 x 300 MM</p>				
103	<p><u>MAIN IN COMING</u> 600 AMP. ROTARY TPNMS WITH HRC - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT METER</b> <b>SPACE</b> <u>OUT GOING</u> 600 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS 125 AMP. ROTARY TPNMS WITH HRC - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. ROTARY TPNMS 63AMP. ROTARY TPNMS WITH HRC - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. ROTARY TPNMS <u>INSTRUMENTS</u> 0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH -</p>	SET	AS PER REQUIREMENT		

	01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1300 x 1200 x 300 MM					
104	<u>MAIN IN COMING</u> 600 AMP. TPMCCB [35 KA] - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT METER</b> <b>SPACE</b> <u>OUT GOING</u> 600 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS 125 AMP. TPMCCB [25 KA] - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 125 AMP. TPMCCB 63 AMP. TPMCB [10 KA] - 03 SETS INDICATING LAMP AND CONTROLLING SWITCH - 03 SETS FOR 63 AMP. TPMCB <u>INSTRUMENTS</u> 0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1300 x 1200 x 300 MM	SET	AS PER REQUIREMENT			
105	<u>MAIN IN COMING</u> 630 AMP. TPNSFU - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT METER</b> <b>SPACE</b> <u>OUT GOING</u>	SET	AS PER REQUIREMENT			

	<p>650 AMP COPPER BUS BAR - 04 NOS 200 AMP. TPNSFU - 06 SETS 100 AMP. 4 POLE CHANGE OVER SWITCH - 01 SET 63 AMP. 4 POLE MCB - 02 NOS 150 AMP COPPER BUS BAR - 04 NOS FOR DG SUPPLY</p> <p>INDICATING LAMP AND CONTROLLING SWITCH - 03 NOS FOR EACH 200AMP TPNSFU AND 100 AMP. 4 POLE CHANGE OVER SWITCH</p> <p><u>INSTRUMENTS</u> 0 -600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 600 / 5 AMP. CT - 01 SET 0 - 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE - 1850 x 1800 x 300 MM</p>					
106	<p><u>MAIN IN COMING</u> 600 AMP. TPMCCB WITH ROTARY HANDLE [36 KA] - 01 SET 600 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT METER</b> <b>SPACE</b> <u>OUT GOING</u> 650 AMP COPPER BUS BAR - 04 NOS 400 AMP. TPMCCB WITH ROTARY HANDLE [36 KA] - 01 SET 200 AMP. TPMCCB WITH</p>	SET	AS PER REQUIREMENT			

	<p>ROTARY HANDLE [36 KA] - 02 SETS</p> <p>INDICATING LAMP AND CONTROLLING SWITCH - 03 NOS FOR EACH 400 AMP. TPMCCB AND 200 AMP. TPMCCB</p> <p><u>INSTRUMENTS</u></p> <p>0 –600 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET</p> <p>600 / 5 AMP. CT - 01 SET</p> <p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1200 x 1300 x 300 MM</p>					
<p>107</p>	<p>MAIN IN COMING</p> <p>800 AMP. ROTARY TPNMS WITH HRC - 01 SET</p> <p>800 AMP. 415 VOLT CUT OUT - 03 NOS METER SPACE WITH LOCKING ARRANGEMENT</p> <p>OUT GOING</p> <p>800 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u></p> <p>0 –800 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET</p> <p>800 / 5 AMP. CT - 01 SET</p> <p>0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET</p> <p>INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET</p> <p>SIZE – 1200 x 1200 x 300 MM</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>			

108	<p><u>MAIN IN COMING</u>        800 AMP. TPMCCB [35 KA] -        01 SET        800 AMP. 415 VOLT CUT OUT        - 03 NOS METER SPACE        WITH LOCKING        ARRANGEMENT  <u>OUT GOING</u>        800 AMP , 40 / 10 MM.        COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u>        0 –800 AMP. AMMETER        WITH SELECTOR SWITCH -        01 SET        800 / 5 AMP. CT - 01 SET        0 – 500 VOLT. VOLTMETER        WITH SELECTOR SWITCH -        01 SET        INDICATING LAMP WITH        CONTROLLING SWITCH - 01        SET        SIZE – 1200 x 1200 x 300 MM</p>	SET	AS PER REQUIREMENT			
109	<p><u>MAIN IN COMING</u>        800 AMP. ROTARY TPNMS        WITH HRC - 01 SET        800 AMP. 415 VOLT CUT OUT        - 03 NOS <b>WITHOUT</b> METER        SPACE    <u>OUT GOING</u>        800 AMP , 40 / 10 MM.        COPPER BUS BAR - 04 NOS  <u>INSTRUMENTS</u>        0 –800 AMP. AMMETER        WITH SELECTOR SWITCH -        01 SET        800 / 5 AMP. CT - 01 SET        0 – 500 VOLT. VOLTMETER        WITH SELECTOR SWITCH -        01 SET        INDICATING LAMP WITH</p>	SET	AS PER REQUIREMENT			

	CONTROLLING SWITCH - 01 SET SIZE – 1200 x 800 x 300 MM				
110	<p><u>MAIN IN COMING</u> 800 AMP. TPMCCB [35 KA] - 01 SET 800 AMP. 415 VOLT CUT OUT - 03 NOS <b>WITHOUT</b> METER SPACE</p> <p><u>OUT GOING</u> 800 AMP , 40 / 10 MM. COPPER BUS BAR - 04 NOS</p> <p><u>INSTRUMENTS</u> 0 –800 AMP. AMMETER WITH SELECTOR SWITCH - 01 SET 800 / 5 AMP. CT - 01 SET 0 – 500 VOLT. VOLTMETER WITH SELECTOR SWITCH - 01 SET INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 1200 x 800 x 300 MM</p>	SET	AS PER REQUIREMENT		
111	<p><u>INCOMING:</u> 1 NO. 400 A, 35 KA, FP MCCB</p> <p><u>OUTGOING:</u> BUSBAR : 4 NOS 500 A , 500V ELECTROLYTIC COPPER STRIPS 4 NOS. 63 A, 4P MCB WITH SPREADER LINK FOR SUITABLE OF OUTGOING CABLE TERMINATION</p> <p><u>INSTRUMENTS:</u> 01 NOS. MULTI-FUNCTION METERS SHOWING VOLTAGE, CURRENT, PF, FREQUENCY, MD AND THD WITH REQUIRED 800/5A CTS</p>	SET	AS PER REQUIREMENT		



	<p>200 A, 35KA, FP MCCB -1 NO  200 AMP. 4 POLE CHANGE  OVER PANEL - 1 NO  BUSBAR : 4 NOS 200 A, 500V  ELECTROLYTIC COPPER  STRIPS  1 NO. 125 A, 35KA, FP MCCB  ,5 NO. 63 A FP MCB WITH  MICROPROCESSOR  RELEASE , SPREADER LINK  FOR SUITABLE OF  OUTGOING CABLE  TERMINATION  INSTRUMENTS:  01 NOS. MULTI-FUNCTION  METERS SHOWING  VOLTAGE, CURRENT, PF,  FREQUENCY, MD AND THD  WITH REQUIRED 800/5A CTS  1SET: LED TYPE R-Y-B  PHASE INDICATING LAMPS  WITH CONTROL FUSES</p>					
112	<p>INCOMING:  1 NO. 800 A, 50 KA, FP MCCB  OUTGOING:  BUSBAR : 4 NOS 1000 A ( 60  X10 ), 500V ELECTROLYTIC  COPPER STRIPS  1 NO. 125 A, 25KA, FP MCCB  WITH SPREADER LINK FOR  SUITABLE OF OUTGOING  CABLE TERMINATION  2 NO. 63 A, FP MCCB FOR  GF WITH SPREADER LINK  FOR SUITABLE OF  OUTGOING CABLE  TERMINATION</p>	SET	AS PER REQUIREMENT			

	<p>INSTRUMENTS:                  01 NOS. MULTI-FUNCTION METERS SHOWING VOLTAGE, CURRENT, PF, FREQUENCY, MD AND THD WITH REQUIRED 800/5A CTS 400 AMP. 4 POLE CHANGE OVER PANEL - 1 NO                  BUSBAR : 4 NOS 500 A, 500V ELECTROLYTIC COPPER STRIPS                  1 NO. 125 A, 25KA, FP MCCB ,4 NO. 63 A FP MCB, 2 NO. 100 A, 35KA, FP MCCB WITH MICROPROCESSOR RELEASE , SPREADER LINK FOR SUITABLE OF OUTGOING CABLE TERMINATION                  INSTRUMENTS:                  01 NOS. MULTI-FUNCTION METERS SHOWING VOLTAGE, CURRENT, PF, FREQUENCY, MD AND THD WITH REQUIRED 800/5A CTS 1SET: LED TYPE R-Y-B PHASE INDICATING LAMPS WITH CONTROL FUSES</p>					
<p>113</p>	<p>INCOMING:                  1 NO. 100 A, 35KA, TP MCCB                  OUTGOING:                  BUSBAR : 4 NOS150A, 500V ELECTROLYTIC COPPER STRIPS                  63 AMP. 4PMCB -2 NOS.                  32 AMP. DPMCB -3 NOS.                  INSTRUMENTS:</p>	<p>SET</p>	<p>AS PER REQUIREMENT</p>			

	<p>1 NO OF 0-100A AMPEREMETER WITH CTS WITH SELECTOR SWITCH 1 NO OF 0-500V VOLTMETER WITH SELECTOR SWITCH 1SET: LED TYPE R-Y-B PHASE INDICATING LAMPS WITH CONTROL FUSES</p>				
114	<p>INCOMING: 1 NO. 800 A, 50 KA, FP MCCB OUTGOING: BUSBAR : 4 NOS 1000 A ( 60 X10 ), 500V ELECTROLYTIC COPPER STRIPS 5 NO. 125 A, 25KA, FP MCCB WITH SPREADER LINK FOR SUITABLE OF OUTGOING CABLE TERMINATION 1 NO. 63 A, FP MCCB FOR GF WITH SPREADER LINK FOR SUITABLE OF OUTGOING CABLE TERMINATION INSTRUMENTS: 01 NOS. MULTI-FUNCTION METERS SHOWING VOLTAGE, CURRENT, PF, FREQUENCY, MD AND THD WITH REQUIRED 800/5A CTS 400 AMP. 4 POLE CHANGE OVER PANEL - 1 NO BUSBAR : 4 NOS 500 A, 500V ELECTROLYTIC COPPER STRIPS 7 NO. 63 A FP MCB, 2 NO.</p>	SET	AS PER REQUIREMENT		

	<p>100 A, 35KA, FP MCCB WITH MICROPROCESSOR RELEASE , SPREADER LINK FOR SUITABLE OF OUTGOING CABLE TERMINATION INSTRUMENTS: 01 NOS. MULTI-FUNCTION METERS SHOWING VOLTAGE, CURRENT, PF, FREQUENCY, MD AND THD WITH REQUIRED 800/5A CTS 1SET: LED TYPE R-Y-B PHASE INDICATING LAMPS WITH CONTROL FUSES</p>				
115	<p>MAIN DISTRIBUTION BOARD ( COMMON SERVICES) ( WITH LOCKING ARRANGEMENT) MAIN IN COMING 125 AMP. ROTARY TPNMS WITH HRC - 01 SET 125 AMP. 415 VOLT CUT OUT - 03 NOS. OUT GOING 32 AMP. DPMCB - 10 NOS 125 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS</p> <p>INSTRUMENTS INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 800 X 700 X 200 MM</p>	SET	AS PER REQUIREMENT		

116	<p>MAIN IN COMING 63 AMP. ROTARY TPNMS WITH HRC - 01 SET 63 AMP. 415 VOLT CUT OUT - 03 NOS. OUT GOING 32 AMP. DPMCB - 9 NOS 63 AMP , 25 / 3 MM. COPPER BUS BAR - 04 NOS</p> <p>INSTRUMENTS INDICATING LAMP WITH CONTROLLING SWITCH - 01 SET SIZE – 800 x 700 x 200 MM</p>	SET	AS PER REQUIREMENT			
117	<p>INCOMING 63 AMP. DPMCB- 1 NOS,OUT GOING32 AMP. 2 POLE CHANGE OVER32 AMP. DPMCB- 2 NOS., 32 AMP. DP SWITCH- 2 NOS , CUPPER BUS BAR - 4 NOS</p>	SET	AS PER REQUIREMENT			
118	<p>SUPPLY AND FIXING OF OUT DOOR TYPE PANEL WITH INCOMING 32 AMP. 4PMCB- 1 NOS, OUT GOING 32 AMP. 2 POLE CHANGE OVER 32 AMP. DPMCB- 2 NOS., 32 AMP. DP SWITCH- 2 NOS , CUPPER BUS BAR - 4 NOS INCLUDING ALL ACCESSORIES CONNECTIONS. [MAKE- (A)MAIN SWITCH - SIMENS/HPL /L&amp;T/ABB,</p>	SET	AS PER REQUIREMENT			

	(B)CUT OUT- ANCHOR/BPL, (C) VOLT METER, AMMETER-AE/CAPPA, (D) ALL OTHER ACESSORIES ISI MARK]					
119	INCOMING 63 AMP. 4PMCB- 1 NOS, OUT GOING 32 AMP. 2 POLE CHANGE OVER 32 AMP. DPMCB- 2 NOS., 32 AMP. DP SWITCH- 2 NOS , CUPPER BUS BAR - 4 NOS	SET	AS PER REQUIREMENT			
120	INCOMING: 1 NO. 100 A, 4 POLE CHANGE OVER SWITCH OUTGOING: 1 NO. 100 A, 35 KA MCCB BUSBAR : 4 NOS 150 A, 500V ELECTROLYTIC COPPER STRIPS INSTRUMENTS: 1 NO OF 0-100A AMPEREMETER WITH CTS WITH SELECTOR SWITCH 1 NO OF 0-500V VOLTMETER WITH SELECTOR SWITCH 1SET: LED TYPE R-Y-B PHASE INDICATING LAMPS WITH CONTROL FUSES	SET	AS PER REQUIREMENT			

### I :: TWO /FOUR POLE CHANGE OVER PANNEL

**FLOOR / WALL MOUNTED CHANGE OVER PANNEL BOARD MADE OUT OF 16 SWG. C.R SHEET DULY POWDER COATED HAVING FOLLOWING ARRANGEMENTS. [DULY WIRED]**

**ALL CHANGE OVER SWITCHES – (SIMENS / L&T / HPL / ABB / C&S) MAKE**

**ALL MCB – LEGRAND MAKE [MENTION THE KA RATING]**

**ALL CUT OUT – ANCHOR / HAVELLS/BPC MAKE**

**ALL WIRINGS – FINOLEX / ANCHOR/ RR/POLYCAB MAKE WIRE [FRLS] [SIZE - AS PER CURRENT RATING]**

**SIZE OF BUS BAR - AS PER CHANGE OVER SWITCH CURRENT RATING**

**NEUTRAL LINK – AS PER CHANGE OVER SWITCH RATING**

**SIZE OF COPPER BUS BAR FOR CONNECTION OF LOAD CABLE / WIRES AS PER CHANGE OVER SWITCH CURRENT RATING**

**INDICATOR – LED**

**SELECTOR SWITCH – SALZAR / SURDHI**

**BUS BAR INSULATOR – RESIN CAST DRUM INSULATOR**

**BUS BAR CHAMBER MUST BE COVERED WITH 3 MM THICK BAKELITE COVER[NATIONAL / ROYALAM]**

**[COMPLETE SET]**

121	16 AMP. TWO POLE SIZE – 300 x 300 x 100 MM	SET	AS PER REQUIREMENT			
122	32 AMP. TWO POLE SIZE – 300 x 300 x 100 MM	SET	AS PER REQUIREMENT			
123	63 AMP. TWO POLE SIZE – 350 x 350 x 100 MM	SET	AS PER REQUIREMENT			
124	16 AMP. FOUR POLE SIZE – 350 x 350 x 150 MM	SET	AS PER REQUIREMENT			
125	32 AMP. FOUR POLE SIZE – 350 x 350 x 150 MM	SET	AS PER REQUIREMENT			
126	63 AMP. FOUR POLE SIZE – 350 x 350 x 200 MM	SET	AS PER REQUIREMENT			
127	125 AMP. FOUR POLE SIZE – 450 x 350 x 250 MM	SET	AS PER REQUIREMENT			
128	200 AMP. FOUR POLE SIZE – 600 x 400 x 250 MM	SET	AS PER REQUIREMENT			

129	400 AMP. FOUR POLE SIZE –	SET	AS PER REQUIREMENT			
130	600 AMP. FOUR POLE SIZE –	SET	AS PER REQUIREMENT			
131	800 AMP. FOUR POLE SIZE –	SET	AS PER REQUIREMENT			

**J :: SINGLE PHASE AND THREE PHASE BUS BAR BOX.**

**WALL MOUNTED SINGLE PHASE AND THREE PHASE COPPER BUS BAR BOX MADE OUT OF 16 SWG. C.R SHEET DULY POWDER COATED HAVING FOLLOWING ARRANGEMENTS. [DULY WIRED]**

**SIZE OF BUS BAR - AS PER CURRENT RATING**

**BUS BAR INSULATOR – RESIN CAST DRUM INSULATOR**

**BUS BAR CHAMBER MUST BE COVERED WITH 3 MM THICK BAKELITE COVER[NATIONAL / ROYALAM]**

**[COMPLETE SET]**

132	SINGLE PHASE 25 AMP. BUS BAR BOX (2 NOS. COPPER BAR) SIZE –	SET	AS PER REQUIREMENT			
133	SINGLE PHASE 63 AMP. BUS BAR BOX (2 NOS. COPPER BAR) SIZE –	SET	AS PER REQUIREMENT			
134	THREE PHASE 63 AMP. BUS BAR BOX (4 NOS. COPPER BUS BAR) SIZE –	SET	AS PER REQUIREMENT			
135	THREE PHASE 125 AMP. BUS BAR BOX (4 NOS. COPPER BUS BAR) SIZE –	SET	AS PER REQUIREMENT			
136	THREE PHASE 200 AMP. BUS BAR BOX (4 NOS. COPPER BUS BAR) SIZE –	SET	AS PER REQUIREMENT			
137	SUPPLY OF SINGLE METER SPACE BOX MADE WITH 18 SWG CR SHEET DULY FABRICATED AND COLOURED OF SIZE (250X300MMX180MM)	SET	AS PER REQUIREMENT			



138	SUPPLY OF 6 METER SPACE BOX MADE WITH 18 SWG CR SHEET DULY FABRICATED AND COLOURED OF SIZE (760X600MMX180MM)	SET	AS PER REQUIREMENT			

**Seal & Signature of the Bidder.**

**Sd/-  
Joint Manager (Elect.).**