

NEPAL ELECTRICITY AUTHORITY
Transmission Directorate
Tamakoshi-Kathmandu 220/400 kV Transmission Line Project

IFB No. : ICB-TD-TKTL-073/74-02: Procurement of Plant for Gas Insulated 220 kV Barhabise Substation (Design, Supply, Install and Commission)

Clarification 2: Response to the Pre-Bid Queries

S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
1	Volume I, Section 7, GCC 14 and Section 8, SCC 14	We request you to confirm us the applicable rate of income tax in Nepal, applicable VAT rate on installation service. We understand that for imported plants and equipment, the Custom Duty, VAT and other taxes applicable in Nepal are exempted or will be reimbursed. Please confirm. We understand that VAT and other local taxes applicable in Nepal on installation services are exempted or will be reimbursed for this project. Please confirm.	1%.custom duty on imported equipment, plant, materials and supplies (Schedule 1 of Vol III) shall be paid by the contractor at the time of import and will be reimbursed by the employer. VAT on Installation and Construction Charges (Schedule 4(a) of Vol III) shall either be paid by the contractor and reimbursed by the employer or will be paid by the employer.
2	Volume I, Section 6, SCC 14	As per the Double Tax Avoidance treaty between India and Nepal , Indian contractors are not subject to any deduction of tax for CIP supplies to Nepal without creation of Permanent establishment. Therefore, we understand that no tax shall be deducted on offshore supplies by Indian contractors. Please confirm.	Please refer S.No.1 above
3	Volume I, Section 8, SCC 7.3	Please clarify the below two points: 1) 6 months delivery is not possible for all equipments. We confirm prompt supply of spares within a reasonable period. Please accept. 2) Blueprints of spare parts are intellectual property of the manufacturers. We understand that only the non-IPR related drawings/as-built drawings need to be provided under this clause for the purpose of identification of spare parts. Please confirm.	This shall be as per the provision of bidding document
4	Volume I, Section 8, SCC 14	Please add to the end of the paragraph as below: Employer shall issue/provide in timely manner (not later than 7 days from document submission) the necessary certificates/documents towards deduction/payment of tax as may be required by the Contractor to comply with Nepal Tax laws. In case of delay by employer, the Contractor shall be entitled to time & cost reimbursement.	This shall be as per the provision of bidding document



Signature

S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
5	Volume I, Section 8, SCC 14	<p><u>Please add to the end of the paragraph as below:</u></p> <p>Custom Duty shall be issued to the Authorities within 3 days of submission of request for Duty payment by Contractor. In case of delay by Employer, the Contractor shall be entitled to time & cost reimbursement. Any detention or Demurrage due to delay in issuance of Custom Duty payment should be borne by the Employer based on the documentary evidence provided by the Contractor.</p>	This shall be as per the provision of bidding document
6	Volume I, Section 8, SCC 14	<p><u>Please add to the end of the paragraph as below:</u></p> <p>We understand that no Withholding tax for offshore services will be deducted by the customer.</p>	This shall be as per the provision of bidding document
7	Volume I, Section 8, SCC 14	<p><u>Please confirm on the following:</u></p> <p>a) If Any tax/charges would be deducted by the customer while remitting the payments to indian contractors for offshore supplies.</p> <p>b) If Any tax registration is required in Nepal for consrotium member.</p>	Yes, tax registration in Nepal is required.



S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
8	Volume I, Section 9	Please modify the clause as below: The Effective Date from which the Time for Completion of the Facilities shall be counted is the date when all of the following conditions have been fulfilled: (a) This Contract Agreement has been duly executed for and on behalf of the Employer and the Contractor; (b) The Contractor has submitted to the Employer the performance security and the advance payment guarantee; (c) <u>The Employer has paid the Contractor the advance payment for onshore and</u> Please confirm whether land is acquired or not by the customer.	This shall be as per the provision of bidding document
9	Additional Clause		Land acquisition process for substation is in final stage
10	Volume I, Section 6	<u>Please add the below clause at the end of 3rd paragraph of the ABG format:</u> This Guarantee shall be reduced upon shipment by the goods to be evidenced by presentation of the Contractor to us of copy(ies) of the corresponding invoice and the bill of lading which shall be accepted as conclusive evidence that our guarantee can be reduced to nil and therefore has expired. ABG shall be effective upon receipt of advance payment by contractor.	This shall be as per the provision of bidding document
11	Volume I, Section 6	<u>Please add the below clause at the end of 5th paragraph of the ABG format:</u> After expiry, this Guarantee shall be returned to us.	This shall be as per the provision of bidding document
12	Volume I, Section 9	<u>Please add the following as an additional clause:</u> a) In case of consortium, Separate invoicing shall be made by the lead bidder and consortium member for its own scope, b) In case of consortium, Separate payments shall be released by customer directly to consortium leader and consortium member for their respective scope of works. c) In case of consortium, Two separate L/C can be opened for offshore- supplies by the customer for consortium leader and member for their respective scope of works.	This shall be as per the provision of bidding document
13	Additional Clause	<u>Please incorporate the following as a separate clause:</u> In case of consortium, both consortium leader and consortium partner can submit the ABG and PBG to the customer for their respective scope of works.	This shall be as per the provision of bidding document



Signature

S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
14	Additional Clause	We understand that letter of credit shall be opened at the time of contract signing for the full value of contract.	This shall be as per the provision of bidding document.
15	Volume I, Section 2-BDS, ITB 20.1	We understand that bid validity shall be 150 days from the date of submission of bid by Siemens to NEA.	The bid validity period shall be 150 days after the bid submission deadline.
16	Volume II(B) Drawing	From the present layout drawing bidder is not clear of the location of approach road for the substation:- (a) Barhabise (b) Khimti. Bidder is requesting NEA to issue a new layout after marking a location of approach road.	Tentative Layout has been enclosed along with the Bidding documents. Bidder is advised to visit the sites and acquaint themselves with the location of the approach Road etc (Please refer to clause 4.3 of Chapter "Project Specific Requirement")
17	Volume II(B) Drawing	Bidder requested NEA to provide the Auto Cad drawings for the substations:-(a) barhabise (b) Khimti for faster engineering.	PDF drawings of Barhabise and Khimti SS have been attached along with the Bid. Auto Cad copy (if available) shall be provided during detail Engineering.
18	Volume II	As per specification NEA will provide separate 11kV power supply for 1 No 11/0.4kV LT transformer out of total supply of 2 Nos. Bidder requesting NEA to confirm the High voltage source of 2nd transformer.	In line with clause 8.3 of Chapter- "Project Specific Requirement ".The auxiliary transformers of rating 630 KVA at Barhabise shall be used to feed the substation auxiliaries. The HT side of one auxiliary transformer shall be connected with NEA supply through 11 kV HT cable. HT side of other auxiliary transformer shall be connected through 11 kV HT cable to 11 kV LT Panel connected to 132/11 kV Transformer.
19	Volume II	As per the mentioned clause, fire protection system to be designed considering the future requirements of 400kV substation. Bidder understand that fire protection system to be designed also for the feeder shown in dotted line in SLD only. Please confirm.	Confirmed.
20	Volume II, Clause-4.4.1.XXVII	As per the specification bidder need to understand whether the scope of township buildings is also in present perview or not. Specification is silent about the actual scope of township buildings. Bidder requesting NEA to confirm: (1) Which all township buildings are included in the present scope. (2) Bidder requesting NEA to provide the detailed drawings of the township buildings in scope. (3) Please specify the illumination and other activities (if required) in bidder's scope.	Scopes of Township Building including illumination are clearly mentioned in section Project and Technical specification. However, indicative drawing giving additional details for B.C ,D Type Quarters & Transit camp are attached.
21	General	In absense of any specific requirement in the specification bidder is assuming integrated LCC for the GIS panels. Please confirm.	Acceptable in line with clause 14.2.1 of Section 19 "GIS" of bid document.



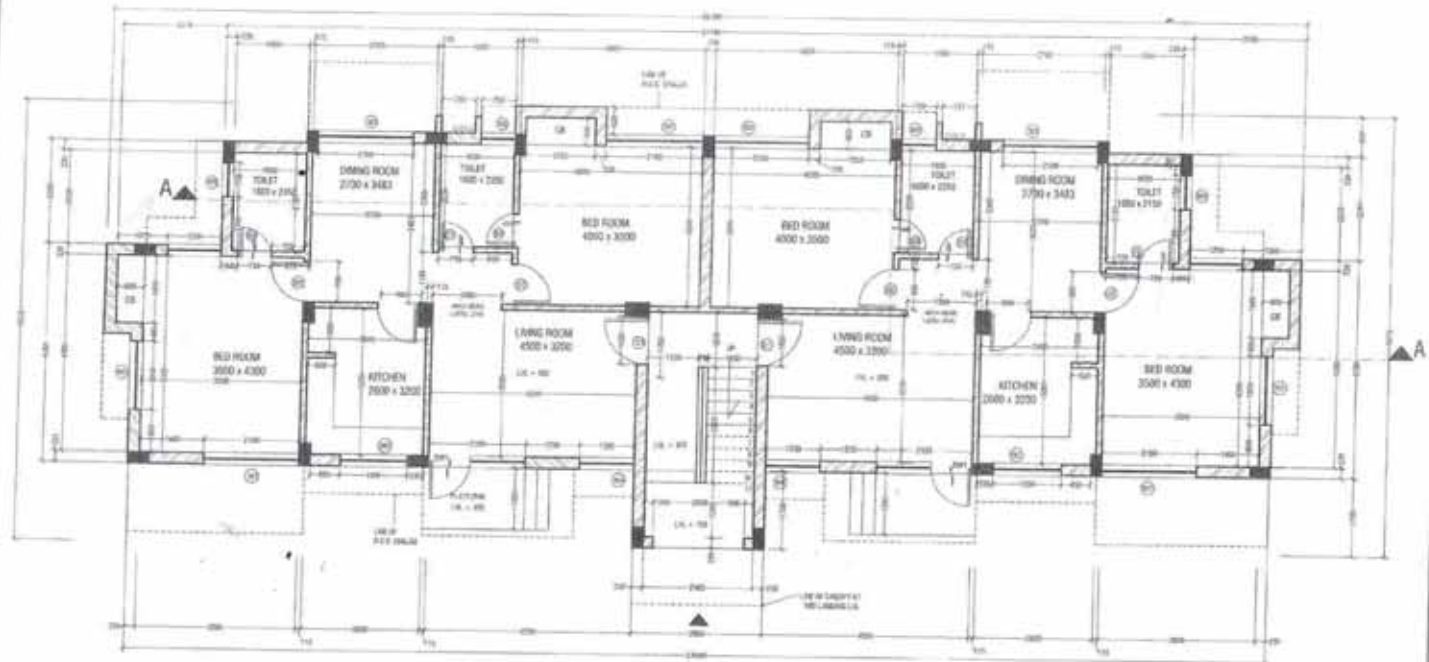
S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
22	General	Bidder requesting NEA to provide the soil resistivity data if available for - 1. Barhabise substation 2. Khimti substation This will enable bidder to save some valuable time.	1. For Barhabise-Soil Investigation is under present scope of work. 2. For Khimti-Soil Data shall be provided during detailed Engineering.
23	Volume II, Section 2, Clause-9.2	Bidder understands that short circuit test report for major equipment like power transformer and Gas Insulated Switchgear from STL (Short-Circuit Testing Liaison) member's laboratory shall only be valid and accepted. Kindly confirm. List of STL members as follows :- Intertek (ASTA), UK; CESI, Italy; CPRI, India; ESEF ASEFA, France; JSTC, Japan; KEMA, The Netherlands; KERI, South Korea; PEHLA, Germany; SATS, Norway; STLNA, USA; VEIKI, Hungary; ZKU, Czech Republic.	This shall be as per the provision of bidding document
24	Volume III, Schedule-I	Bidder observed that 220/132kV Transformer is mentioned as Auto transformer in Project specific requirement Clause 3(A) however in BPS transformer is mentioned under Power Transformer. Kindly confirm weather transformer is Auto or Power.	As per clause 6.0 of "Section 20- Power Transformers", 220/132 kV Transformer is Auto Transformer.
25	General	Please provide the line orientation for all the substations for 220,132 & 11kV voltages.	Line Orientation shall be provided during detailed Engineering.
26	Volume II, Section-19, Clause 4.2	Bidder shall require minimum shutdown on adjacent bay for busbar disconnector maintenance of GIS. Please accept the same.	Requirement of Shutdown shall be finalized during detailed Engineering based on operation and maintenance requirement.
27	Volume II, Section-19, clause 4.4	If the gas pressure of the adajacent compartments are reduced, they can not be kept in service as the required dielectric strength which is ensured by the amount of gas present shall be less than actually needed. Also, form the safety point of view it is not advisable to work on pressurised equipment.	Requirement of Shutdown shall be finalized during detailed Engineering based on operation and maintenance requirement.
28	Volume II, Section-19, Clause 4.13	For 220kV GIS, Bidder do not envisage busbar segregation as offered 220kV GIS shall have passive busbar which means no active components (busbar and bus disconnector are in separte gas compartment) shall be part of busbar compartment. Hence chance of busbar failure is very rare. Same shall be accepted.	Requirement of Shutdown shall be finalized during detailed Engineering based on operation and maintenance requirement.
29	Volume II, Section-19, Clause 4.19	The VFTO studies shall be excluded from the scope of supply.	As per the requirement of Technical Specification, Manufacturer shall submit the study report of VFTO generated for GIS installation.
30	Volume II, Section 19, Clause 4.37	Please confirm if UHF sensors are required for 145kV GIS as well as 220kV GIS.	Confirmed.



Am

S.No.	Clause of Reference for the required clarification	Bidder's Request	NEA Response
31	Volume II, Section 19, Clause 4.38	The minimum required space shall be maintained during detailed design stage for an optimum layout of the offered GIS bays. Please accept.	The requirement of Technical specification shall prevail
32	Volume II, Section 19, Clause 4.38	Phase to Phase distance for a switchgear is fixed & GIB shall be extended to outdoor with the same phase to phase distance for an optimum layout. Please accept.	GIB is unit rate item and shall be optimized during detailed Engineering.
33	Volume II, Section 19, Clause 4.38	Only for GIB Support structure approx. 1 Mtrs distance is required from wall to GIB, however minimum required space between building to GIB shall be decided during detailed structure designing for an optimum layout and also to accommodate the future feeder GIB. Please accept.	GIB is unit rate item and shall be optimized during detailed Engineering.
34	Volume II, Section 19, Clause 5.3	Interrupting the steady and transient magnetizing current shall be as stipulated in IEC 62271-102	The requirement of Technical specification shall prevail
35	Volume II, Section 19, Clause 5.9.1	Bidder understand that CSDs are not required for 145kV & 245kV GIS. Please confirm.	Confirmed
36	Volume II, Section 19, Clause 5.9.2	Bidder understand that CSDs are not required for 145kV & 245kV GIS. Please confirm.	Confirmed
37	Volume II, Section 19, Clause 6.2.12	Offered GIS shall have electrical inter-locks between DS & ES. Please accept the same	The requirement of Technical specification shall prevail
38	Volume II, Section 19, Clause 19.5	Offered GIS are type tested. Bidder do not envisage to share / submit intellectual & proprietary information of manufacturer.	The requirement of Technical specification shall prevail
39	Volume II, Section 19, Clause 24	The minimum required space shall be maintained during detailed design stage for an optimum layout of the offered GIS bays. Please accept.	The requirement of Technical specification shall prevail





NOTES :-

1. ALL DIMENSIONS ARE IN MM.
2. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TO GRID LAY OUT PLAN.
5. FOR R/C COLUMN SIZES REFER STRUCTURAL DRAWINGS.
6. BRIDGE CLASS 75/1 SHALL BE USED THROUGH MAINTENANCE.
7. ALL INTERNAL WALL SHALL BE 110MM THK. & EXTERNAL WALL SHALL BE 200MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REFER SEPARATE DRAWINGS.
10. LAYOUT SHALL BE MARKED ON SITE AND GOT APPROVED BY ENGINEER IN CHARGE IN WRITING BEFORE COMMENCING EXECUTION WORK AT SITE.
11. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
12. ROOF SHALL BE 150 MM DIA. UPVC PIPE.
13. COLUMN SHOWED IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.
14. RCC SHALL BE OF M25.

ADDITIONAL REMARK

1. ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX 10 M X 25 M ON EACH FLOOR. TOTAL 500 SQM AREA TO BE CONSTRUCTED.
2. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (EHRM)-KATHMANDU 650/400 KV TL PROJECT

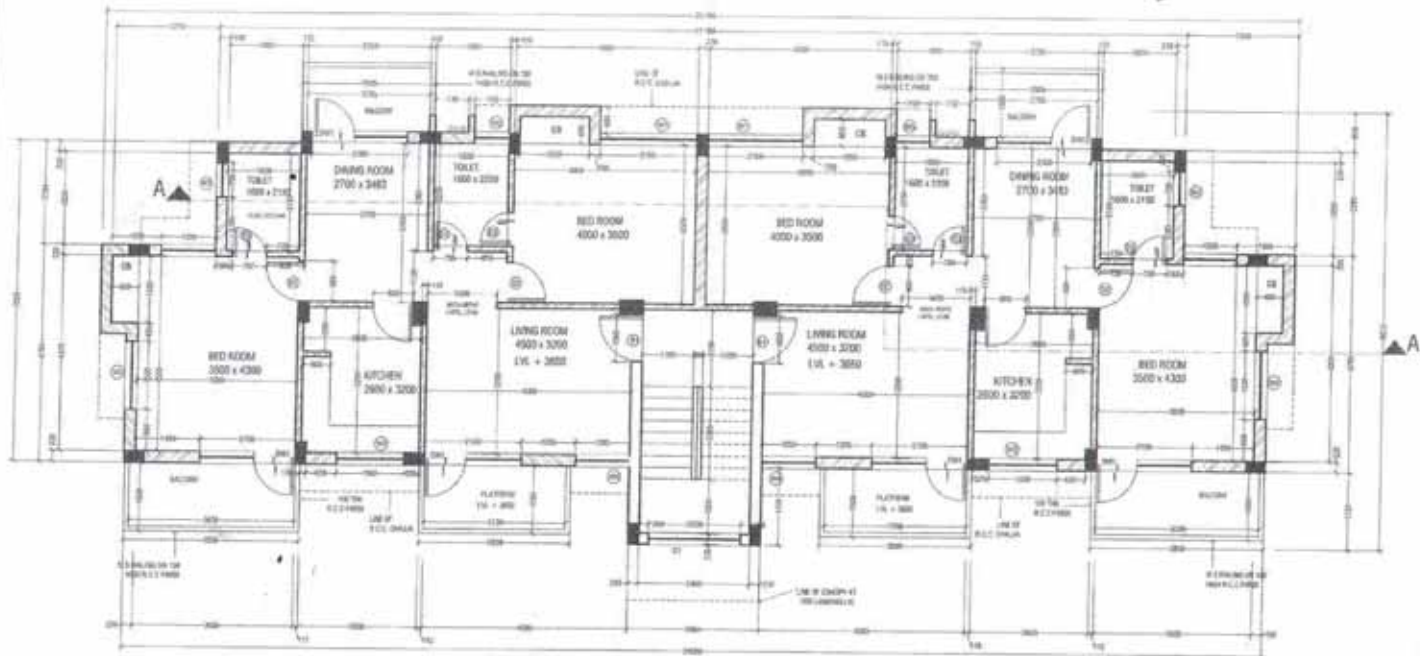
TITLE: GROUND FLOOR PLAN FOR B TYPE QUARTER AT 220/132/11 KV BARTASEK GIS SUB STATION

SCALE: 1:100
DRAWING: C/EDG/TS/NEA/BSSM/TYPE-B/01
REV: 0-0

DATE: 01/04/2014
BY: [Signature]
CHECKED: [Signature]
SCALE: 1:100
DRAWING: C/EDG/TS/NEA/BSSM/TYPE-B/01
REV: 0-0



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ADDITIONAL REMARK

- ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX 10 M X 25 M ON EACH FLOOR. TOTAL 500 SQM AREA TO BE CONSTRUCTED.
- THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

NOTES -

- ALL DIMENSIONS ARE IN MM
- DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY
- ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK
- FOR LOCATION OF BUILDING REFER TO SURVEY LAYOUT PLAN
- FOR R.C.C. COLUMN SIZES REFER STRUCTURAL DRAWINGS
- BRICKS (CLASS 7.5) SHALL BE USED IN BRICK MASONRY
- ALL INTERNAL WALL SHALL BE 115MM THK. & EXTERNAL WALL SHALL BE 230MM THK. THE DRAWINGS TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT
- FOR CE, TOILETS AND KITCHEN DETAILS REFER SEPARATE DRAWINGS
- FOR DOORS, WINDOWS AND VENTILATORS DETAILS REFER SEPARATE DRAWINGS
- LAYOUT SHALL BE MARKED ON SITE AND NOT APPROVED BY ENGINEER IN CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE
- ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE ENGINEER
- RAMP SHALL BE 1:12 MAX. DIA. UPVC PIPE
- COLUMNS SHOWN IN THE DRAWINGS ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWINGS
- RCC SHALL BE OF M20

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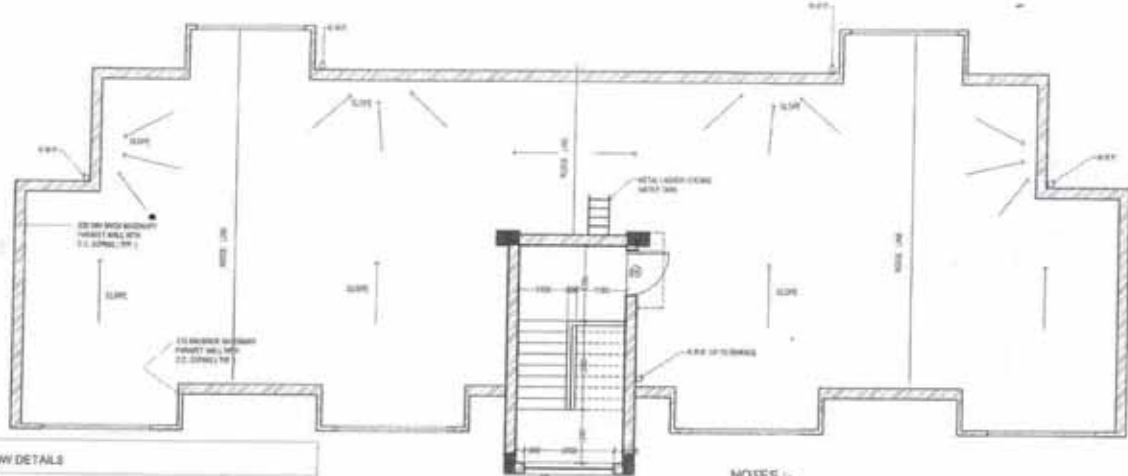
POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMARSHI (KHINTI)-LATHMANDU 330/400 KV TL PROJECT
TITLE: FIRST FLOOR PLAN FOR B TYPE QUARTER AT 330/132/11 KV BARDHASE GID SUB STATION

DATE: 10/01/2017
DRAWING NO: C/ENOC/TS/NEA/SARBA/TYPE-B/01
SCALE: 1/20
REV: 01





DOOR AND WINDOW DETAILS	
SIZE	INDICATIVE WIDTH OF THE DOOR ARE GIVEN IN PLAN. HEIGHT OF THE DOOR SHALL BE 2.1 METRE
ENTRANCE DOOR	SHOULD BE MADE OF 38MM THICK SECOND CLASS TEAK WOOD WITH PANNELED SHUTTER ETC DESIGN OF WHICH SHALL BE APPROVED BY EIC
OTHER ROOMS/KITCHEN DOOR	MADE OF WATER PROOF 30MM FLUSH DOOR SHUTTERS AS PER DSR 2016 ITEM NO 9.21 OR EQUIVALENT MADE. IT SHOULD HAVE 1.5 MM THICK LAMINATION ON THE BOTH SIDE OF SHUTTER AS PER DSR ITEM NO 9.12.7. DOOR FRAME SHALL BE MADE OF SECOND CLASS TEAK WOOD AS PER APPROVAL OF EIC. ALL THE OUTER DOOR SHOULD ADDITIONALLY HAVE WIRE MESH DOOR SHUTTERS AS PER DSR ITEM NO 9.27.1.1 OR EQUIVALENT. CHAJUKHAT SHOULD BE MADE OF 2ND CLASS TEAK WOOD
TOILET DOOR	PVC DOOR FRAME SHALL BE AS PER DSR ITEM NO 9.119 OR EQUIVALENT DOOR SHUTTER SHALL BE 30MM THICK SOLID PVC FOAM PROFILE AS PER DSR ITEM NO 9.124 OR EQUIVALENT
WINDOW	ALL THE WINDOWS SHALL BE MADE OF POLYESTER POWDER COATED ALUMINIUM AS PER DSR ITEM NO 21.1.1.3 & 21.1.2.3 OR EQUIVALENT.

- NOTES -**
1. ALL DIMENSIONS ARE IN MM
 2. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
 3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
 4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAYOUT PLAN.
 5. FOR R.C.C. COLUMN SIZES REFER STRUCTURAL DRAWINGS.
 6. BRICKS CLASS (I) SHALL BE USED IN BRICK MASONRY.
 7. ALL INTERNAL WALL SHALL BE 110MM THK & EXTERNAL WALL SHALL BE 200MM THK.
 8. THE DRAWING TO BE READ IN CONNECTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
 9. FOR CEILING & KITCHEN DETAILS REF. SEPARATE DRAWINGS.
 10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
 11. LAYOUT SHALL BE MARKED ON SITE AND SET-OUT BY ENGINEER IN CHARGE BEFORE COMMENCING EXCAVATION WORK AT SITE.
 12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
 13. RWP SHALL BE 110 MM DIA. UPVC PIPE.
 14. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWINGS.
 15. R.C.C. SHALL BE OF SIZE.

ADDITIONAL REMARK

1. ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX 10 M X 25 M ON EACH FLOOR. TOTAL 500 SQM AREA TO BE CONSTRUCTED.
2. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

FOR TENDER PURPOSE ONLY

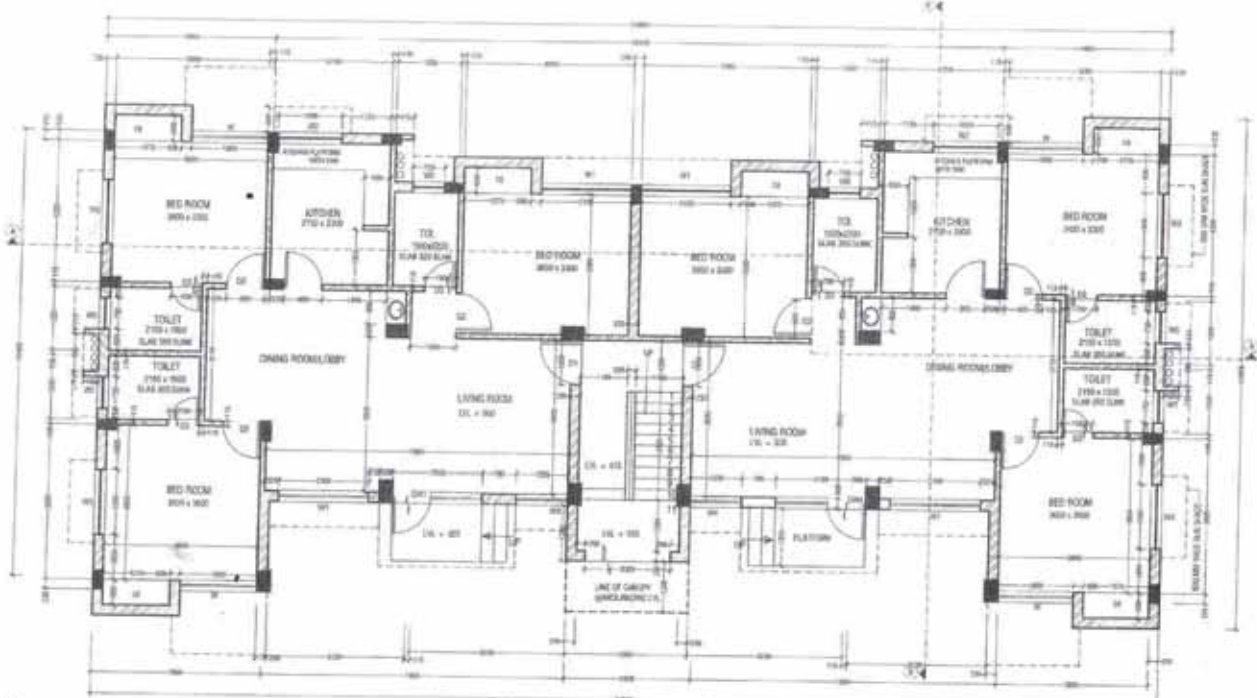
POWER GRID CORPORATION OF INDIA LIMITED
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PROJECT: CONSULTANCY SERVICES TO NEA FOR TANGAGURI (RHNTH)-EXTENSION 220/400 KV TL PROJECT
 TITLE: TENTH FLOOR PLAN FOR II TYPE QUARTER AT 220/132/11 KV BARTARESE GAS SUB STATION

DATE	SCALE	BY	CHECKED	APPROVED	DATE	SCALE	BY	CHECKED	APPROVED	DATE



Signature



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1. ALL DIMENSIONS ARE IN MM.
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3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAYOUT PLAN.
5. FOR R.C.C COLUMN SIZES REF. STRUCTURAL DRAWINGS.
6. BRICKS (CLASS 70) SHALL BE USED IN BRICK MASONRY.
7. ALL INTERNAL WALL SHALL BE 118MM THK. & EXTERNAL WALL SHALL BE 230MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR DOORS, WINDOWS AND KITCHEN DETAILS REF. SEPARATE DRAWINGS.
10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
11. LAYOUT SHALL BE MARKED ON SITE AND CUT APPROX. BY ENGINEER-IN-CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE.
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
13. R.O.P. SHALL BE 110 MM DIA. UPVC PIPE.
14. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.
15. R.O.C. SHALL BE 250.

ADDITIONAL REMARK

- A. ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX 12 M X 25 M ON EACH FLOOR. TOTAL 600 SQM AREA TO BE CONSTRUCTED.
- B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER IN CHARGE OF NEA.

PREP.	REVD.	REVD.	REVD.	REVD.	DATE
DE-CIVIL	SDS CIVIL	ASTT GM CIVIL	ELEC	DGM CIVIL	

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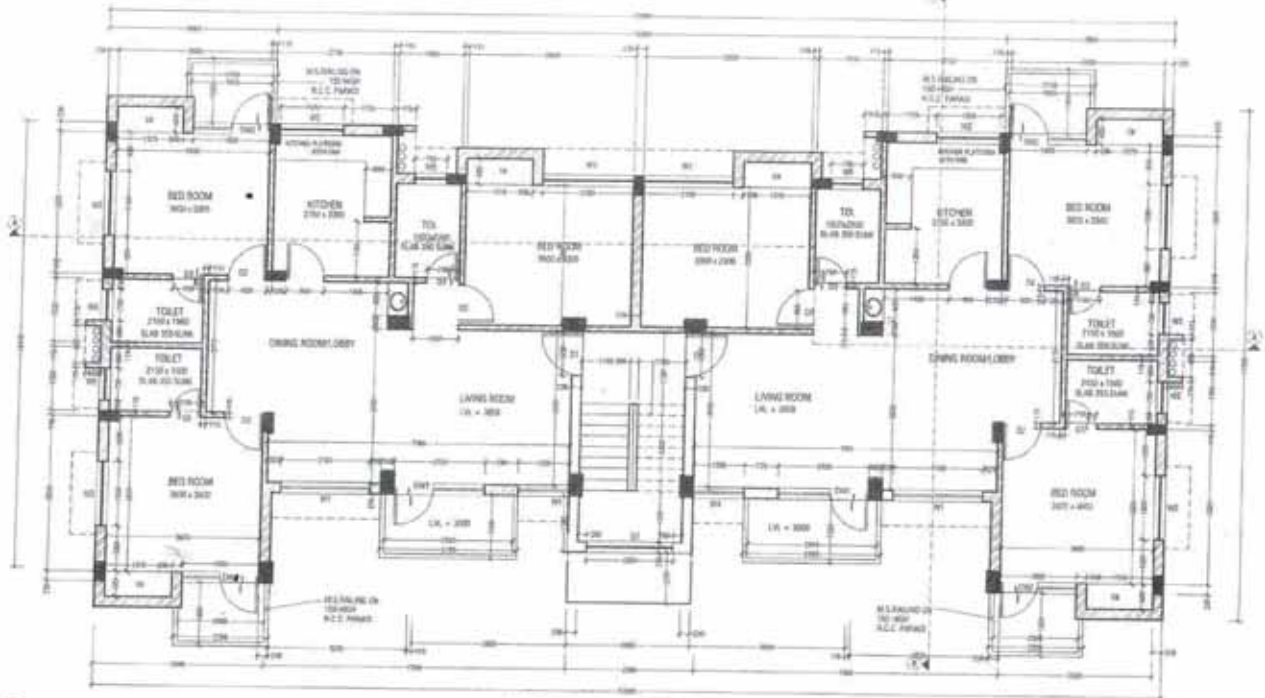
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PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (KHIMTI)-KATHMANDU 220/400 KV TL PROJECT

TITLE: GROUND FLOOR PLAN FOR C TYPE QUARTER AT 220/100/11 KV BARBANSI SUB STATION

SCALE: DRAWING NO. C/200/11/NEA/BARBANSI/TYP-C/01/B-0





NOTES :-

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4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAYOUT PLAN.
5. FOR R.C.C. COLUMN SIZES REF. STRUCTURAL DRAWINGS.
6. BRICKS (CLASS 7.5) SHALL BE USED IN BRICK MASONRY.
7. ALL INTERNAL WALL SHALL BE 115MM THK. & EXTERNAL WALL SHALL BE 230MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR CEILING AND KITCHEN DETAILS REF. SEPARATE DRAWINGS.
10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
11. LAYOUT SHALL BE MARKED ON SITE AND GOT APPROVED BY ENGINEER IN CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE.
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
13. R/WP SHALL BE 110 MM DIA. UPVC PIPE.
14. COLUMNS SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.
15. RCC SHALL BE M25.

ADDITIONAL REMARK

- A. ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX. 12 M X 25 M ON EACH FLOOR. TOTAL 600 SQM AREA TO BE CONSTRUCTED.
- B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER IN CHARGE OF NEA.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOVHI (KUMINTI-KATHMANDU) 220/400 kV TL PROJECT

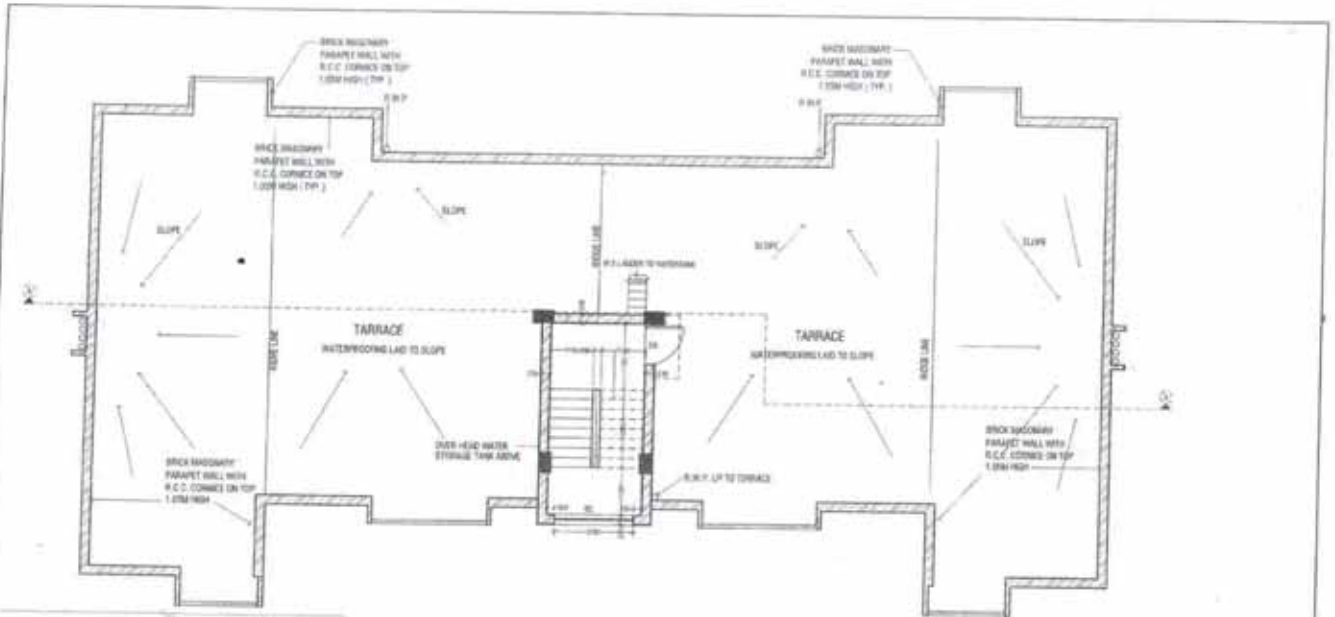
TITLE: FIRST FLOOR PLAN FOR C TYPE QUARTER AT 220/132/11 KV BARRIAGE GDS SUB STATION

SCALE: (As per sheet)

DATE: E/ENGL/TS/NEA/BARRIAGE/TYPE-C/25.11-9

PREP.	REV. 1	REV. 2	REV. 3	REV. 4	DATE
DE-CIVL	SOE CIVL	ASTT GM CIVL	ELBC		





DOOR AND WINDOW DETAILS	
SIZE	INDICATIVE WIDTH OF THE DOOR ARE GIVEN IN PLAN HEIGHT OF THE DOOR SHALL BE 2.1 METRE
ENTRANCE DOOR	SHOULD BE MADE OF 30MM THICK SECOND CLASS TEAK WOOD WITH PANELLED SHUTTER ETC DESIGN OF WHICH SHALL BE APPROVED BY E.O.
OTHER ROOMS/KITCHEN DOOR	MADE OF WATER PROOF 30MM FLUSH DOOR SHUTTERS AS PER ISM 2016 ITEM NO 4.21 OR EQUIVALENT MADE OF 18MM THICK LAMBER ON BOTH SIDE OF SHUTTER AS PER ISM ITEM NO 3.13.7 DOOR FRAME SHALL BE MADE OF SECOND CLASS TEAK WOOD AS PER APPROVAL OF E.O. ALL THE OTHER DOOR SHOULD ADDITIONALLY HAVE WIND BREAK DOOR SHUTTERS AS PER ISM ITEM NO 9.27.1.1 OR EQUIVALENT. CHAIRMAT SHOULD BE MADE OF 2ND CLASS TEAK WOOD. PVC DOOR FRAME SHALL BE AS PER ISM ITEM NO 9.13 OR EQUIVALENT DOOR SHUTTER SHALL BE 30MM THICK SOLID PVC FOAM PROFILE AS PER ISM ITEM NO 4.124 OR EQUIVALENT.
TOILET DOOR	ALL THE WINDOWS SHALL BE MADE OF POLYESTER FIBREGLASS CURTAIN ALUMINIUM AS PER ISM ITEM NO 21.1.3 & 21.1.2 OR EQUIVALENT.
WINDOW	

NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. DO NOT SCALE THE DRAWING FOLLOW WRITTEN DIMENSIONS ONLY
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAY OUT PLAN
5. FOR R.C.C COLUMN SIZES REFER STRUCTURAL DRAWINGS
6. BRICK CLASS (F1) SHALL BE USED IN BRICK MASONRY
7. ALL EXTERIOR WALL SHALL BE 230MM THK. & EXTERNAL WALL SHALL BE 230MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR CEILING AND KITCHEN DETAILS REFER SEPARATE DRAWINGS
10. FOR DOORS, WINDOWS AND VENTILATION DETAILS REFER SEPARATE DRAWINGS
11. LAYOUT SHALL BE MARKED ON SITE AND GET APPROV BY ENGINEER IN CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE
13. RWP SHALL BE 125 MM DIA (SVC) PIPE
14. COLUMN SHOWS IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.
15. R.C.C SHALL BE OF M20.

ADDITIONAL REMARK
A. ONE BLOCK OF FOUR QUARTER HAVING TWO QUARTERS ON GROUND FLOOR AND TWO QUARTERS ON FIRST FLOOR BLOCK TO BE CONSTRUCTED. BLOCK WILL HAVE AN AREA OF APPROX 12 M X 25 M ON EACH FLOOR. TOTAL 600 SQM AREA TO BE CONSTRUCTED.
B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER IN CHARGE OF NEA.

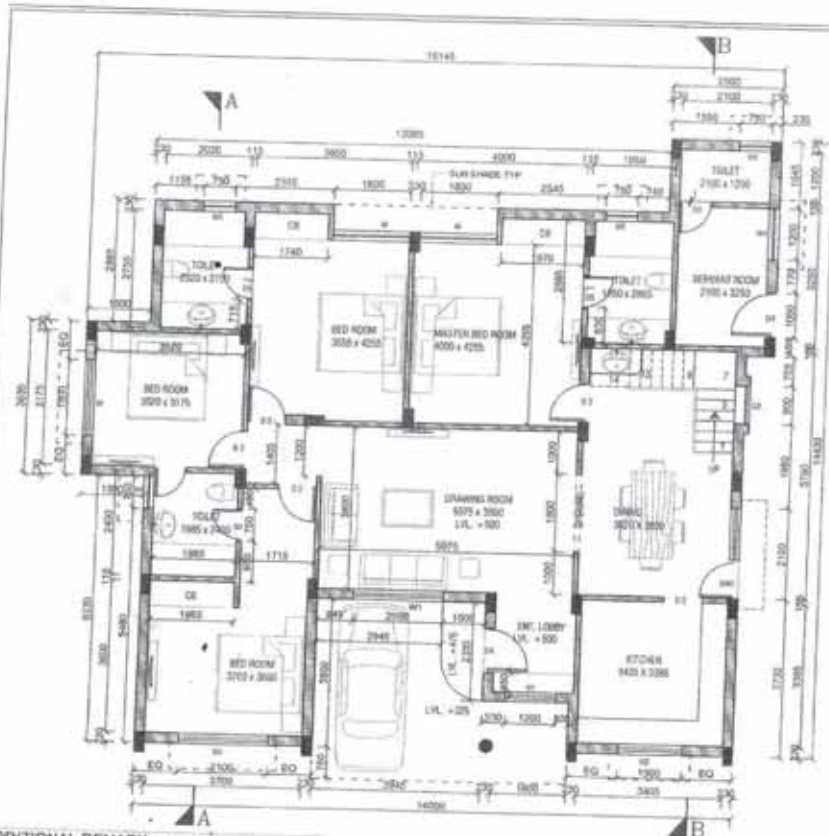
FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
 (a Government of India Enterprise)

PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOHRI (NHITI)-KATINDANDE 220/400 KV TL PROJECT
 TITLE: MOUNTY RIDGE PLAN FOR I-TYPE QUARTER AT 220/132/11 KV BARBARDE GEP SUB STATION

PREP	REVD	REVD	REVD	REVD	APPRD	DATE
DE-CIVIL	SOE CIVIL	ARTT GM CIVIL	ELRC	DOM CIVIL	GM CIVIL	

SCALE: 1/200
 DATE: 20/05/2019
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]



NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TO THE LAY OUT PLAN.
5. FOR R.C.C COLUMN SIZES REF. STRUCTURAL DRAWING.
6. BRICK CLASS TO BE USED IN BRICK MASONRY.
7. ALL EXTERNAL WALL SHALL BE 150MM THK. & EXTERNAL WALL SHALL BE 200MM THK.
8. THE DRAWING TO BE READ IN CONNECTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR DOOR, TOILETS AND KITCHEN DETAILS REF. SEPARATE DRAWING.
10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWING.
11. LAYOUT SHALL BE MARKED ON SITE AND GOT APPROV. BY ENGINEER IN CHARGE IN WRITING BEFORE COMMENCING EXECUTION WORK AT SITE.
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
13. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.

DOOR AND WINDOW DETAILS

SIZE	INDICATIVE WIDTH OF THE DOOR ARE GIVEN IN PLAN. HEIGHT OF THE DOOR SHALL BE 2.1 METRE
ENTRANCE DOOR	SHOULD BE MADE OF 30MM THICK SECOND CLASS TEAK WOOD WITH PANNELLED SHUTTER ETC DESIGN OF WHICH SHALL BE APPROVED BY EIC
OTHER ROOMS/KITCHEN DOOR	MADE OF WATER PROOF 30MM PLYWOOD SHUTTERS AS PER DSR 2016 ITEM NO 9.21 OR EQUIVALENT MADE. IT SHOULD HAVE 15 MM THICK LAMINATION ON THE BOTH SIDE OF SHUTTER AS PER DSR ITEM NO 9.12.7. DOOR FRAME SHALL BE MADE OF SECOND CLASS TEAK WOOD AS PER APPROVAL OF EIC. ALL THE OUTER DOOR SHOULD ADDITIONALLY HAVE WIRE MESH DOOR SHUTTERS AS PER DSR ITEM NO 9.21.1 OR EQUIVALENT CHAIRHAT SHOULD BE MADE OF 100 CLASS TEAK WOOD. P.V.C DOOR FRAME SHALL BE AS PER DSR ITEM NO 9.119 OR EQUIVALENT DOOR SHUTTER SHALL BE 30MM THICK SOLID P.V.C FRAME AS PER DSR ITEM NO 9.124 OR EQUIVALENT
TOILET DOOR	ALL THE WINDOWS SHALL BE MADE OF POLYESTER POWDER COATED ALUMINIUM AS PER DSR ITEM NO 21.1.3.3 & 21.1.3.3 OR EQUIVALENT

ADDITIONAL REMARK :
A. ONE NUMBER QUARTER OF SIZE 15 M X 14M , TOTAL 210 SQM AREA TO BE CONSTRUCTED.
B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

PREP.	REVD.	REVD.	REVD.	REVD.	APPD.	DATE
DE-CIVIL	SDE CIVIL	ASTT.GM CIVIL	ELEC	DGM CIVIL	GM CIVIL	

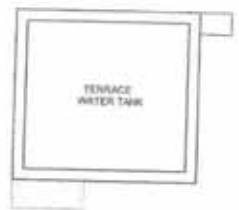
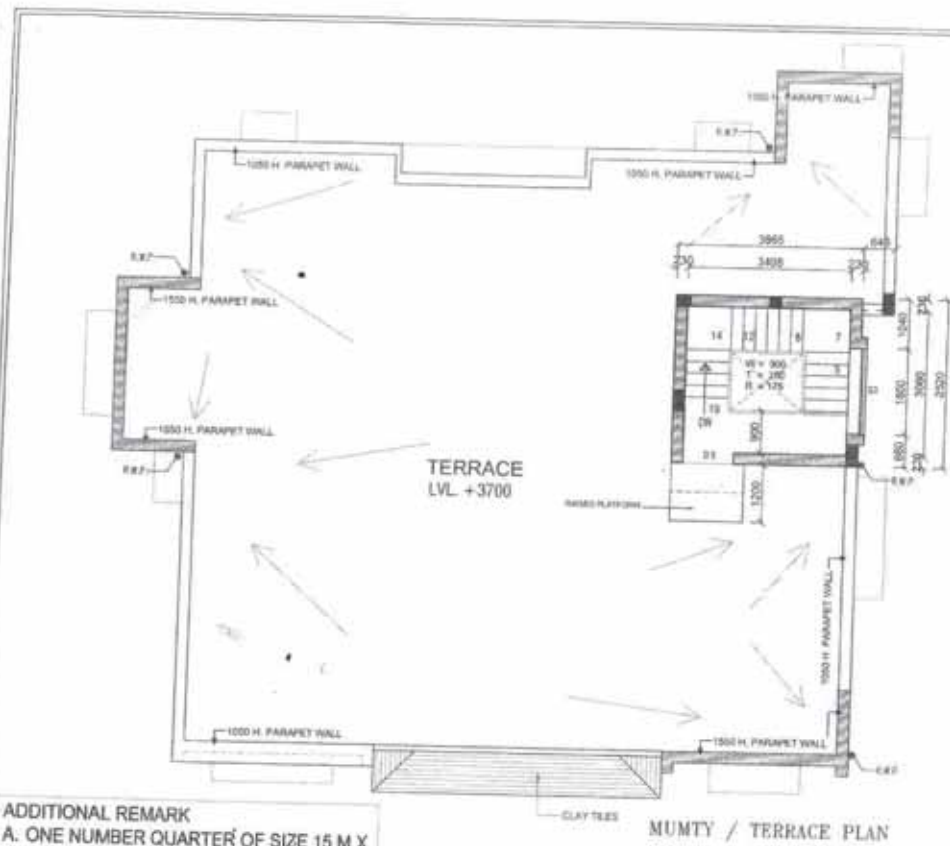
FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
 (A Government of India Enterprise)

PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMILNADU (NHMT)-KATHMANDU 220/400 KV TL PROJECT.
 TITLE: GRADING FROM PLSU FOR 0 TYPE QUARTER AT 220/400KV LV SUBSTATION BARBARA GDS SUB STATION.

DATE: 05/08/2018
 C/ENGG/TI/NEA/BARBARA/TYPE-B/01





MUMTY TERRACE

NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAY OUT PLAN.
5. FOR R.C.C COLUMN SIZES REF. STRUCTURAL DRAWINGS.
6. BRICKS (CLASS T5) SHALL BE USED IN BRICK MASOORY.
7. ALL INTERNAL WALL SHALL BE 119MM THK & EXTERNAL WALL SHALL BE 203MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR CB, TOILETS AND KITCHEN DETAILS REF. SEPARATE DRAWINGS.
10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
11. LAYOUT SHALL BE MARKED ON SITE AND GOT APPLD. BY ENGINEER IN-CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE.
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
13. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)



PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (KHIMT) KATHMANDU-220/400 KV TL PROJECT

TITLE: MUMTY FLOOR PLAN FOR B TYPE QUARTER AT 220/400 KV BARHARISE JIN SUB STATION

DATE: 11/07/12
SCALE: DRAWING NO. C/ENGG/TS/NEA/BARHARISE/TYPE - B/02 D-1



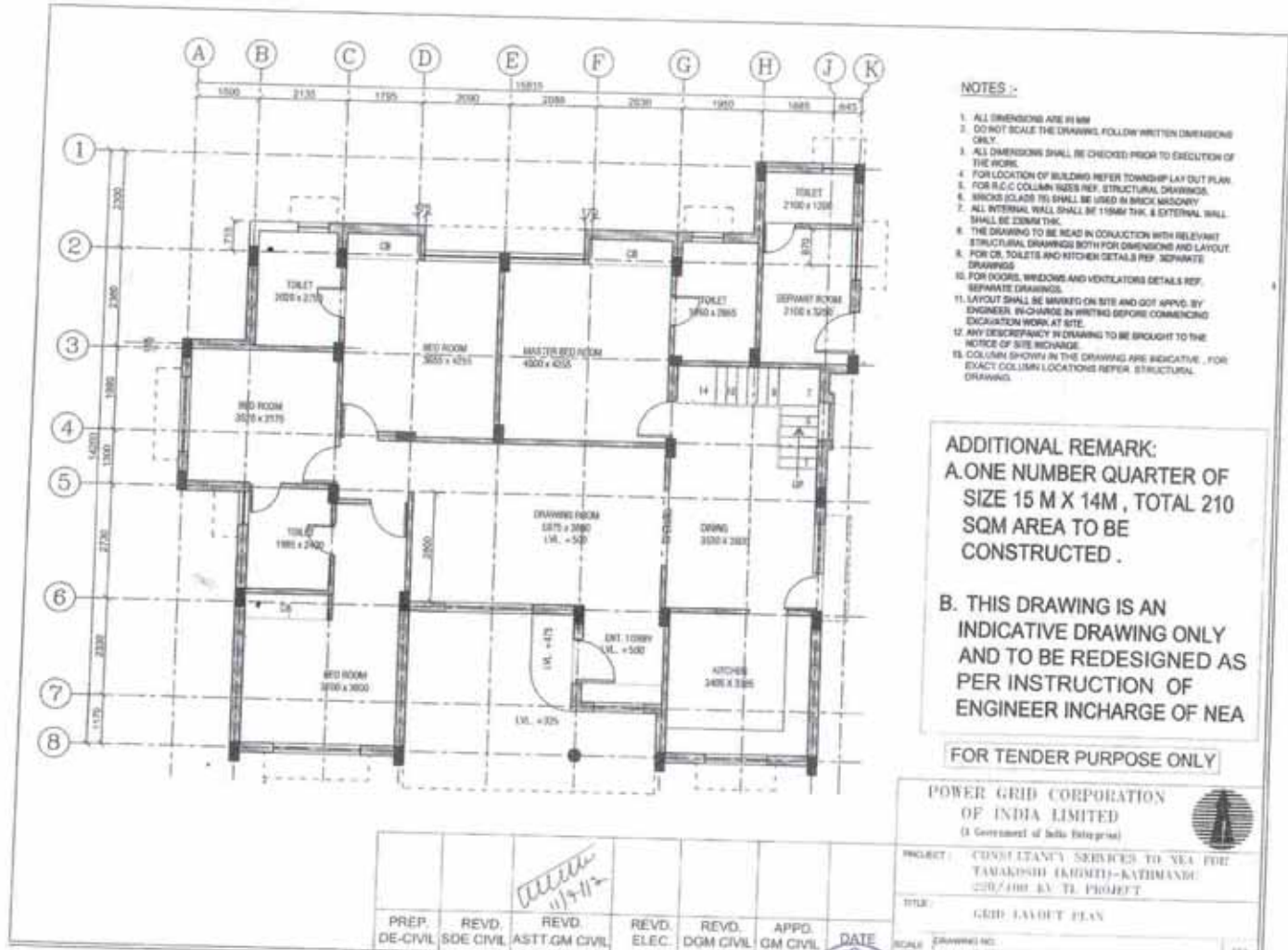
ADDITIONAL REMARK

A. ONE NUMBER QUARTER OF SIZE 15 M X 14M, TOTAL 210 SQM AREA TO BE CONSTRUCTED.

B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

PREP. DE-CIVIL	REVD. SOE CIVIL	REVD. ASTT GM CIVIL	REVD. ELEC.	REVD. DGM CIVIL	APPO. GM CIVIL

MUMTY / TERRACE PLAN



- NOTES :-**
1. ALL DIMENSIONS ARE IN MM
 2. DO NOT SCALE THE DRAWING, FOLLOW WRITTEN DIMENSIONS ONLY.
 3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
 4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAY OUT PLAN.
 5. FOR R.C.C COLUMN BASES REF. STRUCTURAL DRAWINGS.
 6. BRICKS (GLAZE TS) SHALL BE USED IN BRICK MASONRY.
 7. ALL INTERNAL WALL SHALL BE 115MM THK. & EXTERNAL WALL SHALL BE 230MM THK.
 8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
 9. FOR CE, TOILETS AND KITCHEN DETAILS REF. SEPARATE DRAWINGS.
 10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
 11. LAYOUT SHALL BE MARKED ON SITE AND GOT APPROV. BY ENGINEER IN-CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE.
 12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
 13. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE, FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.

ADDITIONAL REMARK:
A. ONE NUMBER QUARTER OF SIZE 15 M X 14M, TOTAL 210 SQM AREA TO BE CONSTRUCTED.
B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDESIGNED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

FOR TENDER PURPOSE ONLY

POWER GRID CORPORATION OF INDIA LIMITED (A Government of India Enterprise)		
PROJECT: CONSULTANCY SERVICES TO NEA FOR TANAKNISHI (RUMDI)-KATHMANDU 230/110 KV TL PROJECT.		
TITLE: GRID LAYOUT PLAN		DRAWING NO: C/ENGRU/TS/NEA/BARBARISE/TYPE-D/01/0-3

PREP. DE-CIVIL	REVD. SOE CIVIL	REVD. ASST.GM CIVIL	REVD. ELEC.	REVD. DGM CIVIL	APPD. GM CIVIL	DATE	



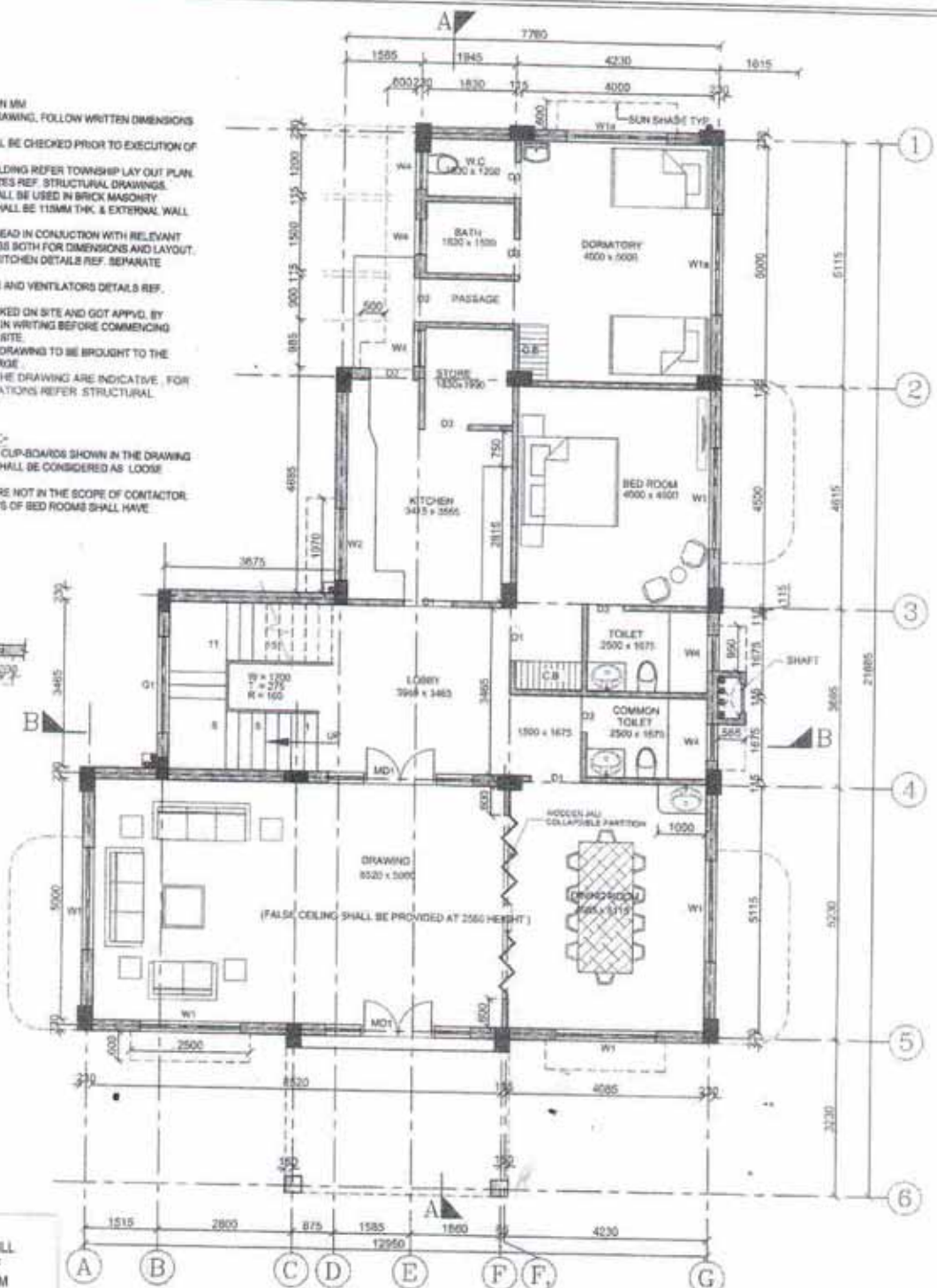
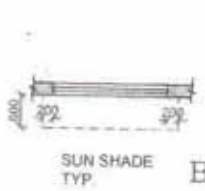
Signature

NOTES :-

1. ALL DIMENSIONS ARE IN MM
2. DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
3. ALL DIMENSIONS SHALL BE CHECKED PRIOR TO EXECUTION OF THE WORK.
4. FOR LOCATION OF BUILDING REFER TOWNSHIP LAY OUT PLAN.
5. FOR R.C.C COLUMN SIZES REF. STRUCTURAL DRAWINGS.
6. BRICKS (CLASS 75) SHALL BE USED IN BRICK MASONRY.
7. ALL INTERNAL WALL SHALL BE 115MM THK. & EXTERNAL WALL SHALL BE 230MM THK.
8. THE DRAWING TO BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL DRAWINGS BOTH FOR DIMENSIONS AND LAYOUT.
9. FOR CB TOILETS AND KITCHEN DETAILS REF. SEPARATE DRAWINGS.
10. FOR DOORS, WINDOWS AND VENTILATORS DETAILS REF. SEPARATE DRAWINGS.
11. LAYOUT SHALL BE MARKED ON SITE AND GOT APPLD. BY ENGINEER IN-CHARGE IN WRITING BEFORE COMMENCING EXCAVATION WORK AT SITE.
12. ANY DISCREPANCY IN DRAWING TO BE BROUGHT TO THE NOTICE OF SITE INCHARGE.
13. COLUMN SHOWN IN THE DRAWING ARE INDICATIVE. FOR EXACT COLUMN LOCATIONS REFER STRUCTURAL DRAWING.

SPECIAL NOTES :-

1. ALL FURNITURES AND CLIP-BOARDS SHOWN IN THE DRAWING ARE INDICATIVE AND SHALL BE CONSIDERED AS LOOSE FURNITURES.
2. LOOSE FURNITURES ARE NOT IN THE SCOPE OF CONTRACTOR.
3. ALL ATTACHED TOILETS OF BED ROOMS SHALL HAVE TEPHONIC SHOWER.



ADDITIONAL REMARK

A. TRANSIT CAMP WILL HAVE AN AREA OF APPROX 15M X 14 M ON EACH FLOOR. TOTAL APPROX 420 SQM AREA TO BE CONSTRUCTED.

B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDEVELOPED/REDESIGNED AS PER OF INSTRUCTION OF ENGINEER INCHARGE OF NEA.

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(A Government of India Enterprise)

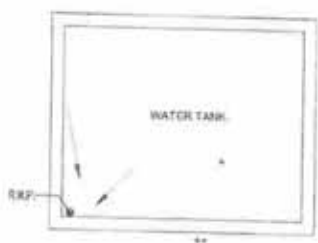
PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (KHIMTI)-KATHMANDU 220/100 KV TL PROJECT

TITLE: TRANSIT CAMP FOR 220/132/11 KV BARHAISE SUB STATION-GROUND FLOOR PLAN

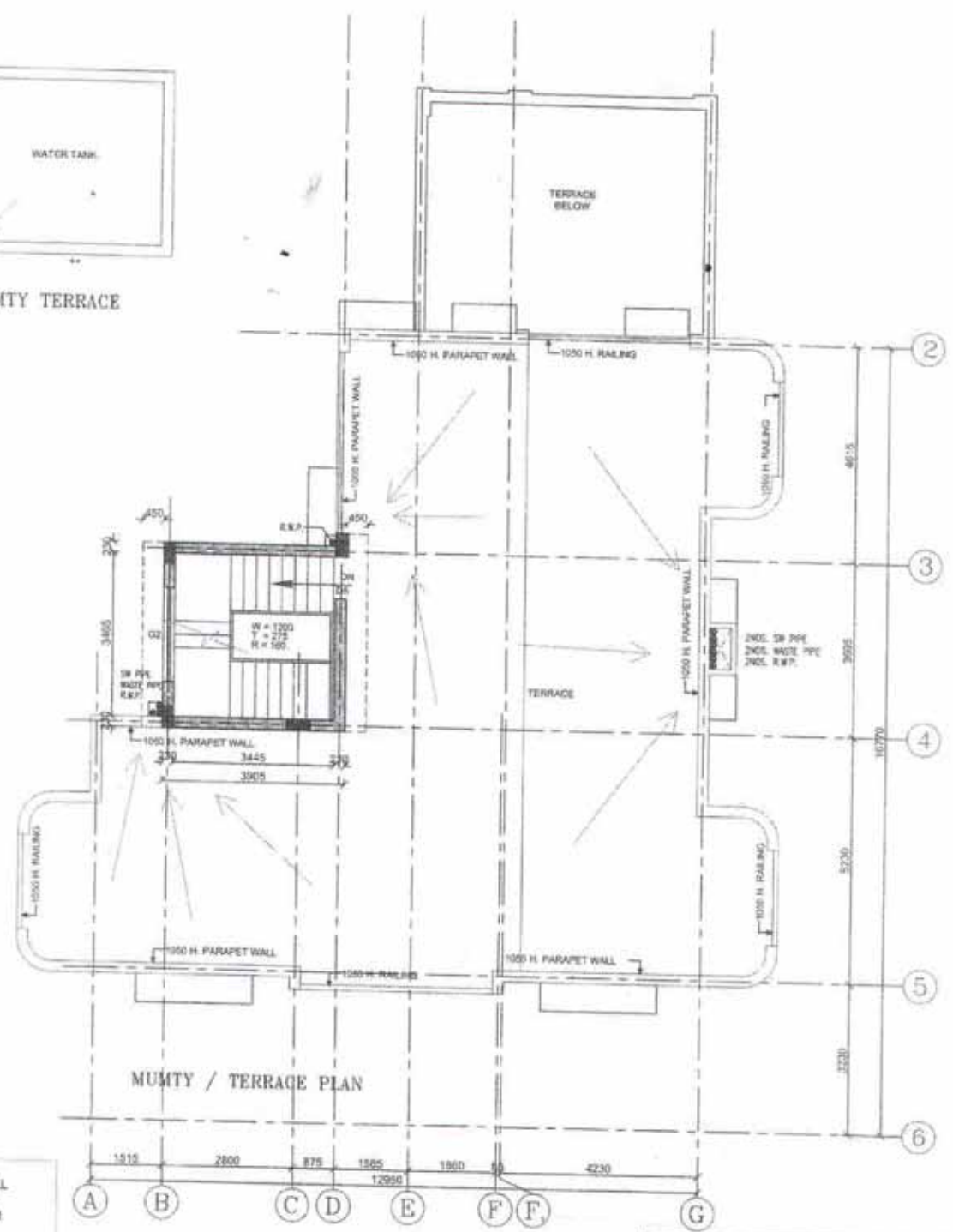
PREP. DE-CIVIL	REVD. SDE CIVIL	REVD. ASTT. GM CIVIL	REVD. ELEC.	REVD. DGM CIVIL	APPO. GM CIVIL	DATE	SCALE	DRAWING NO.
							NTS	C-ENGG-NEA-BARHAISE/TRANSIT CAMP-01 R-0



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MUMTY TERRACE



MUMTY / TERRACE PLAN



Handwritten signature/initials

ADDITIONAL REMARK
 A. TRANSIT CAMP WILL HAVE AN AREA OF APPROX 15M X 14 M ON EACH FLOOR. TOTAL APPROX 420 SQM AREA TO BE CONSTRUCTED.
 B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDEVELOPED/REDIGNS AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA

FOR TENDER PURPOSE ONLY

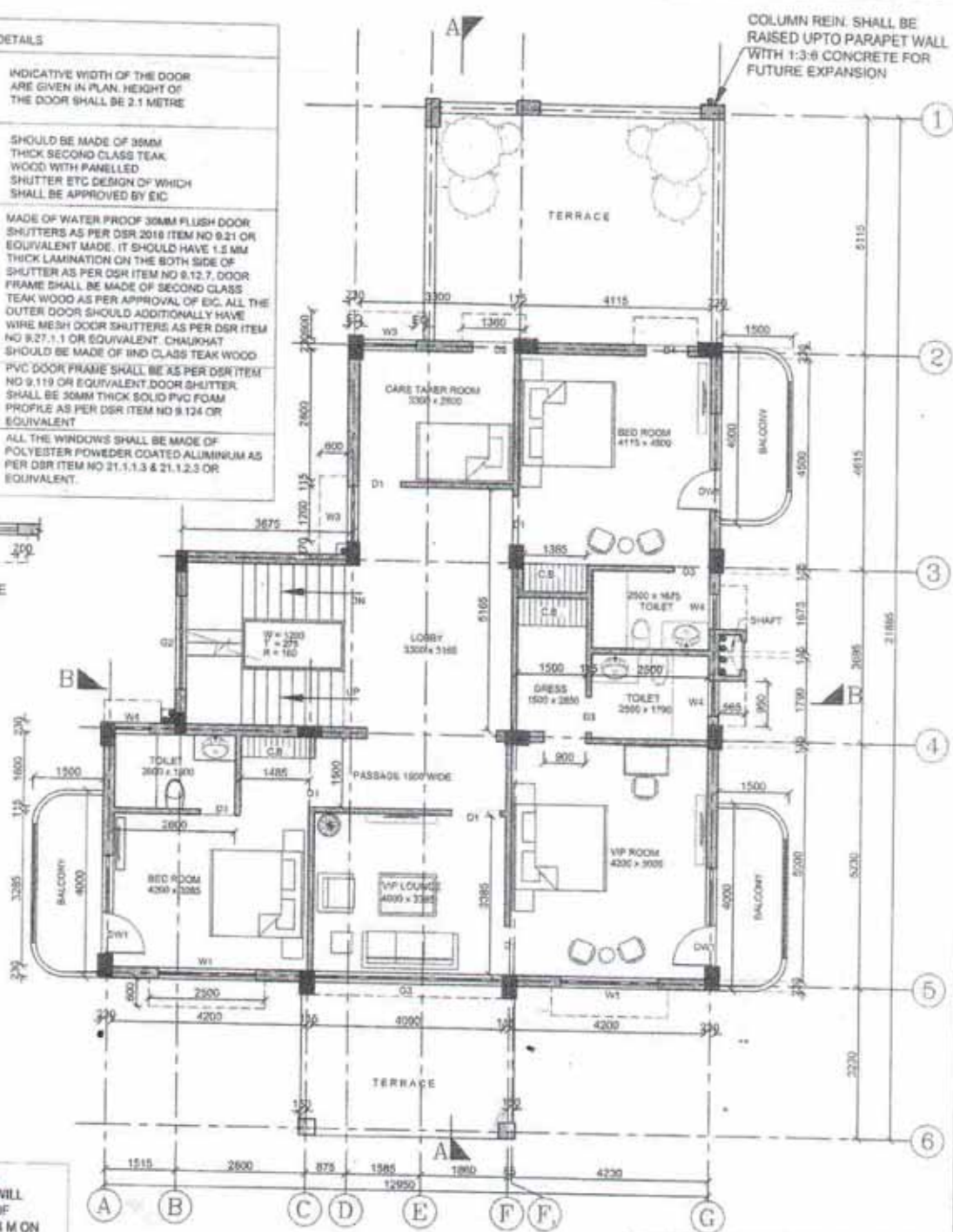
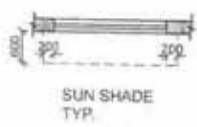
POWER GRID CORPORATION OF INDIA LIMITED
 (A Government of India Enterprise)

PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (KHIMTI)-KATHMANDU 220/400 KV TL PROJECT
 TITLE: TRANSIT CAMP FOR 220/132/11 KV BARDHABISE SUB STATION-MUMTY TERRACE PLAN

PREP.	REVD.	REVD.	REVD.	REVD.	APPD.	DATE
DE-CIVIL	SDE CIVIL	ASST. GM CIVIL	ELEC.	DGM CIVIL	GM CIVIL	

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DOOR AND WINDOW DETAILS	
SIZE	INDICATIVE WIDTH OF THE DOOR ARE GIVEN IN PLAN. HEIGHT OF THE DOOR SHALL BE 2.1 METRE
ENTRANCE DOOR	SHOULD BE MADE OF 35MM THICK SECOND CLASS TEAK WOOD WITH PANELLED SHUTTER ETC DESIGN OF WHICH SHALL BE APPROVED BY EIC
OTHER ROOMS/KITCHEN DOOR	MADE OF WATER PROOF 30MM FLUSH DOOR SHUTTERS AS PER DSR 2016 ITEM NO 9.21 OR EQUIVALENT MADE. IT SHOULD HAVE 1.5 MM THICK LAMINATION ON THE BOTH SIDE OF SHUTTER AS PER DSR ITEM NO 9.12.7. DOOR FRAME SHALL BE MADE OF SECOND CLASS TEAK WOOD AS PER APPROVAL OF EIC. ALL THE OUTER DOOR SHOULD ADDITIONALLY HAVE WIRE MESH DOOR SHUTTERS AS PER DSR ITEM NO 9.27.1.1 OR EQUIVALENT. CHALKHAT SHOULD BE MADE OF 100 CLASS TEAK WOOD
TOILET DOOR	PVC DOOR FRAME SHALL BE AS PER DSR ITEM NO 9.119 OR EQUIVALENT. DOOR SHUTTER SHALL BE 30MM THICK SOLID PVC FOAM PROFILE AS PER DSR ITEM NO 9.124 OR EQUIVALENT
WINDOW	ALL THE WINDOWS SHALL BE MADE OF POLYESTER POWDER COATED ALUMINIUM AS PER DSR ITEM NO 21.1.1.3 & 21.1.2.3 OR EQUIVALENT.



ADDITIONAL REMARK
A. TRANSIT CAMP WILL HAVE AN AREA OF APPROX 15M X 14 M ON EACH FLOOR. TOTAL APPROX 420 SQM AREA TO BE CONSTRUCTED.
B. THIS DRAWING IS AN INDICATIVE DRAWING ONLY AND TO BE REDEVELOPED/REDIGNEED AS PER INSTRUCTION OF ENGINEER INCHARGE OF NEA



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POWER GRID CORPORATION OF INDIA LIMITED
 (A Government of India Enterprise)

PROJECT: CONSULTANCY SERVICES TO NEA FOR TAMAKOSHI (KHMATI)-KATHMANDU 220/110 KV TL PROJECT
 TITLE: TRANSIT CAMP FOR 220/132/11 KV BARRABISE SUB STATION-FIRST FLOOR PLAN

SCALE: DRAWING NO. C-ENGG-NEA-BARRABISE-TRANSIT CAMP-02/11-0

PREP.	REVD.	REVD.	REVD.	REVD.	APPO.	DATE
DE-CIVIL	SOE CIVIL	ASST.GM CIVIL	ELEC.	DGM CIVIL	GM CIVIL	