

Bid Document

| Bid Details | |
|--|---|
| Bid End Date/Time | 11-04-2022 17:00:00 |
| Bid Opening Date/Time | 11-04-2022 17:30:00 |
| Bid Life Cycle (From Publish Date) | 90 (Days) |
| Bid Offer Validity (From End Date) | 60 (Days) |
| Ministry/State Name | Ministry Of Heavy Industries And Public Enterprises |
| Department Name | Department Of Heavy Industry |
| Organisation Name | Andrew Yule Company Limited |
| Office Name | Tea Division |
| Total Quantity | 1 |
| Item Category | Construction of 3 Storied Trough House Bldg Shed & 3 nos Trough at Hoolungooree TE on Turnkey basis (Q3) |
| Minimum Average Annual Turnover of the Bidder | 30 Lakh (s) |
| Years of Past Experience required | 3 Year (s) |
| MSE Exemption for Years of Experience and Turnover | No |
| Startup Exemption for Years of Experience and Turnover | No |
| Document required from seller | Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC) *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer |
| Past Performance | 80 % |
| Bid to RA enabled | No |
| Time allowed for Technical Clarifications during technical evaluation | 2 Days |
| Evaluation Method | Total value wise evaluation |

EMD Detail

| | |
|-------------------|---------------------|
| Advisory Bank | State Bank of India |
| EMD Percentage(%) | 0.50 |
| EMD Amount | 30000 |

ePBG Detail

| | |
|----------|----|
| Required | No |
|----------|----|

(a). EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b). EMD & Performance security should be in favour of Beneficiary, wherever it is applicable.

Beneficiary:

Manager

TEA DIVISION, Department of Heavy Industry, ANDREW YULE COMPANY LIMITED, Ministry of Heavy Industries and Public Enterprises

(Kamal Kali Das)

Splitting

Bid splitting not applied.

Reserved for Make In India products

| | |
|-------------------------------------|-----|
| Reserved for Make In India products | Yes |
|-------------------------------------|-----|

MSE Purchase Preference

| | |
|-------------------------|-----|
| MSE Purchase Preference | Yes |
|-------------------------|-----|

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. Bid reserved for Make In India products: : Procurement under this bid is reserved for purchase from Class 1 local supplier as defined in public procurement (Preference to Make in India), Order 2017 as amended from time to time and its subsequent Orders/Notifications issued by concerned Nodal Ministry for specific Goods/Products. However, eligible micro and small enterprises will be allowed to participate. The minimum local content to qualify as a class 1 local supplier is denoted in the bid document. All bidders must upload a certificate from the OEM regarding the percentage of the local content and the details of locations at which the local value addition is made along with their bid, failing which the bid is liable to be rejected. In case the bid value is more than Rs 10 Crore, the declaration relating to percentage of local content shall be certified by the statutory auditor or cost auditor, if the OEM is a company and by a practicing cost accountant or a chartered accountant for OEMs other than companies as per the Public Procurement (preference to Make-in -India) order 2017 dated 04.06.2020 . In case Buyer has selected Purchase preference to Micro and Small Enterprises clause in the bid, the same will get precedence over this clause.
4. Purchase preference to Micro and Small Enterprises (MSEs): Purchase preference will be given to MSEs as defined in Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 dated 23.03.2012 issued by Ministry of Micro, Small and Medium Enterprises and its subsequent Orders/Notifications issued by concerned Ministry. If the bidder wants to avail the Purchase preference, the bidder must be the manufacturer of the offered

product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service. If L-1 is not an MSE and MSE Seller (s) has/have quoted price within L-1+ 15% (Selected by Buyer) of margin of purchase preference /price band defined in relevant policy, such Seller shall be given opportunity to match L-1 price and contract will be awarded for 25%(selected by Buyer) percentage of total QUANTITY.

5. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 80% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU / Public Listed Company. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

Construction Of 3 Storied Trough House Bldg Shed & 3 Nos Trough At Hoolungooree TE On Turnkey Basis (1 set)

(Minimum 100% Local content required for qualifying as Class 1 Local Supplier)

| | |
|------------|-----------|
| Brand Type | Unbranded |
|------------|-----------|

Technical Specifications

| | |
|------------------------------|--------------------------|
| Buyer Specification Document | Download |
|------------------------------|--------------------------|

Consignees/Reporting Officer and Quantity

| S.No. | Consignee/Reporting Officer | Address | Quantity | Delivery Days |
|-------|-----------------------------|---|----------|---------------|
| 1 | Kamal Kali Das | 785634,Hoolungooree Tea Estate P.O. & T.O. : Mariani, Dist : Jorhat | 1 | 30 |

Buyer Added Bid Specific Terms and Conditions

1. Generic

Bidder shall submit the following documents along with their bid for Vendor Code Creation:

- Copy of PAN Card.
- Copy of GSTIN.
- Copy of Cancelled Cheque.
- Copy of EFT Mandate duly certified by Bank.

2. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning

of Goods

3. Forms of EMD and PBG

Bidders can also submit the EMD with Account Payee Demand Draft in favour of Andrew Yule & Co Ltd payable at Hoolungooree Tea Estate.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

4. Buyer Added Bid Specific ATC

Buyer Added text based ATC clauses

Scope of Work / Technical Specification

Ref. Tender No.: TED/Capital/2021-22/002A

Construction of Three Storied Trough House Building Shed and 3 nos Trough at Hoolungooree Tea Estate, Jorhat, Assam on a turnkey basis.

1. Scope of Work

A. Number & Size of Trough

a. Number of Trough = 3

b. Size of each Trough = 100'X12' = 1200 sq ft

B. Description of Job

| SI. No. | Description of Work | Tentative Size/Qnty |
|---------|--|--|
| 1 | Earth work in excavation for foundation for plinth wall, column footing in ordinary soil Including storm water drain | {Column Footing = (13nosx0.91mx0.91mx1.20m)+Combined Column Footing = (13nosx0.61mx0.61mx0.76m)+ Plinth wall = (0.30mx45.72mx0.3m) + Drain work = (0.6mx45.72x0.3m)} = 28.92 CUM |
| 2 | Providing flat brick soling under the wall, column footing under the trough floor, passage and drain bed | {Under Column Footing = (13nosx0.91mx0.91m)+Combined Column Footing = (13nosx0.61mx0.61m)+ Plinth wall = (0.30mx45.72m) + Drain work = (0.6mx45.72)} = 223.87 SQM |

| | | |
|----------------|---|--|
| 3 | Providing 3" PCC work under the floor and in grouting the column in 1:2:4 mix concert. | {Column = (13nosx0.91mx0.91mx1.20m)+Combined Column = (13nosx0.61mx0.61mx0.76m) + Drain work = (0.6mx45.72x0.076m) + Floor Area = (36.57mx4.57mx0.076m)} = 31.37 CUM |
| 4 | Providing RCC tie beam of size 9"X6" under the brick work for ground floor trough 1:2:4 mix with reinforcement bar 4 nos 12mm and, 6mm stirrup binding with black annealed wire @6" c/c from column to column along the walls, shuttering complete | Under Trough wall = [{(2x30.48m) + 3.65m}x0.228mx0.15m] = 2.21 CUM |
| 5 | Providing, measuring, cutting and fabrication of ISMB 200 for column with 6mm thick top and base plate erection in position as per drawing including applying of primer coat and paint | Length = 13no x 8.53m = 110.8m, W = 2819 kg |
| SI. No. | Description of Work | Tentative Size/Qnty |
| 6 | Providing, measuring, cutting, fabrication of combined column with new section ISMC100 braced with Existing column with ISA 50X50X5mm erection in position as per drawing including applying of primmer coat and paint | ISMC100 for combined Column, L = 13nox10.97m = 142.64m = 1432 kg, ISA 50X50X5 Bracing, L = (13x29no)x0.3048m = 114.90m, Weight = 437 kg |
| 7 | Providing, measuring, cutting, fabrication of ISA 65X65X6 and ISA 50X50X5 for Truss structure and purlins, with 6 mm thick MS plate as base plate, joining plate as per drawing including erection, fitting, fixing in position, applying priming coat of Red Oxide primer etc. | ISA 65X65X ⁶ = 1861 kg, ISA 50X50X5 = 1228 kg (13 no Truss & Louver) |
| 8 | Providing, fitting and fixing of AC sheet for Roofing with "J" hook complete including louver, gable etc. | 185 m |
| 9 | Providing 5" brick work in mortar mix 1:5 in wall height 4' for ground floor trough | 78.81 SQM |

| | | |
|----|---|---|
| 10 | Providing 5" brick work in mortar mix 1:5 in drain wall height 1' from bed level | 27.43 SQM |
| 11 | Providing 12mm to 20 mm thick plaster on trough wall at ground floor with 1:5 mix | 157.62 SQM |
| 12 | Providing 12mm thick plaster on wall and bed of drain including finishing with neat cement | 68.57 SQM |
| 13 | Providing, measuring, cutting and fabrication of ISA 50X50X5 & 40X40X5 for spreading area as specified in the drawing at a height 3'6" from the floor level for both the ground and first floor trough applying of priming coat of Red Oxide Primer | Ground floor trough Area = (12'x100')x1 + 1st Floor trough Area = (12'x100')x1 + 2nd Floor trough Area = (12'x100')x1; Total Area = 3x12x100 = 3600 sqft = 334.57 SQM |
| 14 | Providing, fitting, fixing of 33mm OD pipe 2-line vertical support under trough from floor level for each trough | $L = 3 \times (2 \times 3' \times 40) = 720' = 219.45 \text{ m} @ 2.65 \text{ kg/m} = 581.54 \text{ kg}$ |
| 15 | Providing, laying, fitting and fixing of 1'X3" MS welded mesh for spreading area including applying of priming coat of red oxide primer for the trough | Area = same as item no 13 above = 334.57 SQM |
| 16 | Providing, laying, fitting of netlon mesh on top of spreading area for ground, first floor & 2nd floor trough | 3600 sqft = 334.57 SQM |

| SI. No. | Description of Work | Tentative Size/Qnty |
|---------|---|--|
| 17 | Providing, fitting, fixing of Axial Flow fan for both the trough including supply, fabrication of Mixing chamber & duct with SWG 18 MS sheet, on frame of ISA 40x40x5 & ISA50x50x5 including red oxide primer and painting etc. | Total 6 nos ducting (2x3) each trough as per drawing, L=8', (8'x4' - 16 SWG M.S. Sheet 48 pc), ISA 50x50x5 = 150kg, ISA 40x40x5 = 400 kg |
| 18 | Providing electrical connection with M.S. Starter, reversing switch, cable, DB Box etc. including drawing of cable from Main Board for both the trough | 3.5Cx25 sqmm armoured cable from existing trough DB to new DB, main switch 100A MCB 1 no, 32A MCB - 4 no, 20A starter-4 no, 16 sqmm Cable for individual motor |

| | | |
|----|--|--|
| 19 | Providing, measuring & cutting of ISMB 125, ISMC 100, ISA 65X65X6, ISA 50X50X5 for making of Floor and passage as shown in drawing covered with SWG18 MS Sheet under the trough area, SWG14 under passage & duct area for 1st floor trough | Main Floor Area = (12'x100')=1200sqft (M.S. Sheet 8'x4' -- 18SWG = 40pc), Floor under Ducting = (12x20) = 240 sqft + passage = (4X136)=544sqft, T = (240+544) = 784sqft (M.S. Sheet 8'x4' -- 14SWG = 28 pc), ISMB 125 = 340 kg, ISMC = 1300 kg, ISA 65X65X6 = 658kg, ISA50X50X5 = 513 KG |
| 20 | Providing, measuring & cutting of ISMB 125, ISMC 100, ISA 65X65X6, ISA 50X50X5 for making of Floor and passage as shown in drawing covered with SWG18 MS Sheet under the trough area, SWG14 under passage & duct area for 2nd floor trough | Main Floor Area = (12'x100')=1200sqft (M.S. Sheet 8'x4' -- 18SWG = 40pc), Floor under Ducting = (12x20) = 240 sqft + passage = (4X136)=544sqft, T = (240+544) = 784sqft (M.S. Sheet 8'x4' -- 14SWG = 28 pc), ISMB 125 = 340 kg, ISMC = 1300 kg, ISA 65X65X6 = 658kg, ISA50X50X5 = 513 KG |
| 21 | Providing, fitting, fixing of M.S. pipe 33mm OD for Railing around the first floor & Second floor trough level | $L=2x\{3x(120'+15'+15') + 1x(3'x20)\} = 1020' = 310.89m @ 2.65 \text{ kg/m} = 824 \text{ kg}$ |
| 22 | Providing, measuring, cutting and fabrication of ISA 50X50X5, ISNT50, M.S. Flat 50X5 for making of 4' height wall SWG16 8X4 M.S sheet fitting fixing for 1st floor trough including painting complete | Wall area = $\{(100'x4'x2)+(12'x4'x1)\} = 848 \text{ sqft}$ (ISA 50x50x5 = 538 kg, ISNT = 250, MS Flat 50x5 = 190 kg, MS Sheet = 8'x4' -- 16 SWG = 32 pc |
| 23 | Providing, measuring, cutting and fabrication of ISA 50X50X5, ISNT50, M.S. Flat 50X5 for making of 4' height wall SWG16 8X4 M.S sheet fitting fixing for 2nd floor trough including painting complete | Wall area = $\{(100'x4'x2)+(12'x4'x1)\} = 848 \text{ sqft}$ (ISA 50x50x5 = 538 kg, ISNT = 250, MS Flat 50x5 = 190 kg, MS Sheet = 8'x4' -- 16 SWG = 32 pc |

C. Tentative Bill of Materials for Proposed three Storied Trough House Building Shed and 3 nos Trough at Hoolungoree TE

| Sl. No. | Item | Qty | Unit |
|----------------|--|------------|-------------|
| 1 | ISMB 200 for column | 2850 | kg |
| 2 | ISMB 125 | 680 | kg |
| 3 | M.S. plate 6 mm thick | 340 | kg |
| 4 | ISMC 100 | 4050 | kg |
| 5 | ISA 65X65X6 for truss, Purline, Platform etc. | 3325 | kg |
| 6 | ISA 50X50X5 for Trough, Spreading, Wall Floor, Louver etc. | 7800 | kg |
| 7 | ISA 40X40X5 for Trough, ducting, spreading etc. | 1810 | kg |
| 8 | ISNT 50 | 500 | kg |
| 9 | M.S. Flat 50X5 | 380 | kg |
| 10 | Welded Mesh 6' wide | 14 | roll |
| 11 | Netlon jalli 4' wide | 45 | roll |
| 12 | M.S. Flat 40X5 | 500 | kg |
| 13 | M. S. Pipe 33mm OD for Prop, Railing | 1425 | kg |
| 14 | M. S. Sheet 8X4 -- 16 SWG for Floor & passage | 56 | Pcs |
| 15 | M. S. Sheet 8X4 -- 16 SWG for Ducting & Wall | 112 | Pcs |
| 16 | M. S. Sheet 8X4 -- 18 SWG for under Spreading area Floor | 80 | Pcs |
| 17 | Welding Rod SWG 10 | 130 | Pkt |
| 18 | Welding Rod SWG 8 | 75 | Pkt |
| 19 | Bricks 1st class | 9000 | nos |
| 20 | Broken Bricks for soiling | 700 | cft |

| | | | |
|----|--|------|------|
| 21 | Cement | 270 | Bags |
| 22 | Sand | 1200 | cft |
| 23 | Stone Chip 5/8 | 1200 | cft |
| 24 | Red Oxide Primmer | 100 | Ltr |
| 25 | Thinner | 40 | Ltr |
| 26 | Synthetic Paint | 120 | Ltr |
| 27 | Oxygen for Gas Cutting | 16 | Nos |
| 28 | LPG for Cutting | 4 | Nos |
| 29 | Cutting Disc 14" | 60 | Pcs |
| 30 | M.S. Nut & Bolt Mixed Size | 35 | kg |
| 31 | AC sheet mixed size 3.0m, 2.5m, 1.5m | 185 | m |
| 32 | J hook | 35 | kg |
| 33 | Axial Flow Fan 48" dia with 5 HP Motor | 6 | Set |
| 34 | Armoured Cable - 3.5C X 35mm ² | 200 | m |
| 35 | Armoured Cable - 3C X 4mm ² | 80 | m |
| 36 | Electrical Panel Board with M.S. Starter, MCB, Rev Switch etc. | 3 | Set |
| 37 | Misc. Hardware item, coir, bamboo, shuttering, wire nail etc. | Ls. | |
| 38 | Labour charge for the completion of job | 1 | Lot |

[Note: BOQ given above is tentative, which may vary from actual during the execution of the job. For the same, no extra claim will be entertained from the vendor.]

D. Drawings: Attached in 'Buyer uploaded ATC document'

2. General Terms & Conditions

A. Type of Job: Turnkey basis job

B. Price: Price quoted by the party should be inclusive of the Taxes & Duties (GST) and Freight & Transit Insurance charges. Any other charges apart from the these should be included in the price.

C. Delivery: The entire job to be completed within 01 month from the date of receipt of order.

D. Liquidated Damage:

In the event of failure on the part of the contractor to complete entire work against the order to our full satisfaction within the specified period of completion, we may recover from the contractor as liquidated damages, a sum equivalent to ½% of contract value for each week or any part thereof default, where the delivery thereof will be accepted after expiry of the date stipulated for this purpose, but limited to a maximum of 10% of contract value.

E. Force Majeure:

Any delay or failure in the performance of either party hereto will not constitute default there under or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by the occurrence such as acts of god or the public enemy, appropriation or confiscation of facilities by Govt. Authorities, acts of war, rebellion or sabotage, fires, explosions, riots and illegal strike.

F. Risk Purchase:

In case the contractor fails to execute the contract fully or partly, the purchaser shall have the right to execute the work through other agencies, as decided by the purchaser at the contractor's cost and risk after giving two weeks' notice in writing.

G. Price Variation: The quoted price should remain firm during pendency of the contract.

H. Guarantee / Warranty: Written warranty of 12(Twelve) months to be to be given for the entire work. The said warranty will be effective from the date of handover of the complete work.

I. Payment terms:

- No advance will be given.
- Part payment to be released according to the progress of work (30% on completion Ground Floor with complete installation Withering Trough, 30% on completion First Floor with complete installation Withering Trough and balance 40% within 30 days from the date of handing over the complete construction) with 10% retention at each stage described in the scope of work which will be returned after 1 year of completion of the project.
- Statutory deductions will be made as per the rules.

J. Contact Person:

a. Mr. Mansuk Topno, Acting Manager

Mob: 70027 77501

b. Mr. Shantanu Boral, Dy. General Manager

Mob: 98313 10812

K. Decision for awarding contract/job is vested with the Management so as to reject, split / fragment.

L. Upon placing of the order, the party have to submit the break-up of price quoted as per the BOM mentioned in Clause No. 1(C).

M. All materials to be routed through Garden stores only.

N. All applicable Taxes will be deducted at source as per statute

O. Legal disputes, if any will be subjected to Jorhat jurisdiction only.

5. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

Disclaimer

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization. Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specification and / or terms and conditions governing the bid. Any clause incorporated by the Buyer such as demanding Tender Sample, incorporating any clause against the MSME policy and Preference to make in India Policy, mandating any Brand names or Foreign Certification, changing the default time period for Acceptance of material or payment timeline governed by OM of Department of Expenditure shall be null and void and would not be considered part of bid. Further any reference of conditions published on any external site or reference to external documents / clauses shall also be null and void. If any seller has any objection / grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

[This Bid is also governed by the General Terms and Conditions](#)

In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---Thank You---

ANDREW YULE & COMPANY LIMITED
Tea Division
Scope of Work / Technical Specification
Ref. Tender No.: TED/Capital/2021-22/002A

Construction of Three Storied Trough House Building Shed and 3 nos Trough at Hoolungoore Tea Estate, Jorhat, Assam on a turnkey basis.

1. Scope of Work

A. Number & Size of Trough

- a. Number of Trough = 3
b. Size of each Trough = 100'X12' = 1200 sq ft

B. Description of Job

| Sl. No. | Description of Work | Tentative Size/Qnty |
|---------|--|--|
| 1 | Earth work in excavation for foundation for plinth wall, column footing in ordinary soil Including storm water drain | {Column Footing = (13nosx0.91mx0.91mx1.20m)+Combined Column Footing = (13nosx0.61mx0.61mx0.76m)+ Plinth wall = (0.30mx45.72mx0.3m) + Drain work = (0.6mx45.72x0.3m)} = 28.92 CUM |
| 2 | Providing flat brick soling under the wall, column footing under the trough floor, passage and drain bed | {Under Column Footing = (13nosx0.91mx0.91m)+Combined Column Footing = (13nosx0.61mx0.61m)+ Plinth wall = (0.30mx45.72m) + Drain work = (0.6mx45.72)} = 223.87 SQM |
| 3 | Providing 3" PCC work under the floor and in grouting the column in 1:2:4 mix concert. | {Column = (13nosx0.91mx0.91mx1.20m)+Combined Column = (13nosx0.61mx0.61mx0.76m) + Drain work = (0.6mx45.72x0.076m) + Floor Area = (36.57mx4.57mx0.076m)} = 31.37 CUM |
| 4 | Providing RCC tie beam of size 9"X6" under the brick work for ground floor trough 1:2:4 mix with reinforcement bar 4 nos 12mm and, 6mm stirrup binding with black annealed wire @6" c/c from column to column along the walls, shuttering complete | Under Trough wall = [(2x30.48m) + 3.65m]x0.228mx0.15m] = 2.21 CUM |
| 5 | Providing, measuring, cutting and fabrication of ISMB 200 for column with 6mm thick top and base plate erection in position as per drawing including applying of primer coat and paint | Length = 13no x 8.53m = 110.8m, W = 2819 kg |

| Sl. No. | Description of Work | Tentative Size/Qnty |
|---------|---|---|
| 6 | Providing, measuring, cutting, fabrication of combined column with new section ISMC100 braced with Existing column with ISA 50X50X5mm erection in position as per drawing including applying of primmer coat and paint | ISMC100 for combined Column, L = 13no x 10.97m = 142.64m = 1432 kg, ISA 50X50X5 Bracing, L = (13x29no) x 0.3048m = 114.90m, Weight = 437 kg |
| 7 | Providing, measuring, cutting, fabrication of ISA 65X65X6 and ISA 50X50X5 for Truss structure and purlins, with 6 mm thick MS plate as base plate, joining plate as per drawing including erection, fitting, fixing in position, applying priming coat of Red Oxide primer etc. | ISA 65X65X6 = 1861 kg, ISA 50X50X5 = 1228 kg (13 no Truss & Louver) |
| 8 | Providing, fitting and fixing of AC sheet for Roofing with "J" hook complete including louver, gable etc. | 185 m |
| 9 | Providing 5" brick work in mortar mix 1:5 in wall height 4' for ground floor trough | 78.81 SQM |
| 10 | Providing 5" brick work in mortar mix 1:5 in drain wall height 1' from bed level | 27.43 SQM |
| 11 | Providing 12mm to 20 mm thick plaster on trough wall at ground floor with 1:5 mix | 157.62 SQM |
| 12 | Providing 12mm thick plaster on wall and bed of drain including finishing with neat cement | 68.57 SQM |
| 13 | Providing, measuring, cutting and fabrication of ISA 50X50X5 & 40X40X5 for spreading area as specified in the drawing at a height 3'6" from the floor level for both the ground and first floor trough applying of priming coat of Red Oxide Primer | Ground floor trough Area = (12'x100')x1 + 1st Floor trough Area = (12'x100')x1 + 2nd Floor trough Area = (12'x100')x1; Total Area = 3x12x100 = 3600 sqft = 334.57 SQM |
| 14 | Providing, fitting, fixing of 33mm OD pipe 2-line vertical support under trough from floor level for each trough | L = 3x(2x3'x40) = 720' = 219.45 m @ 2.65 kg/m = 581.54 kg |
| 15 | Providing, laying, fitting and fixing of 1'X3" MS welded mesh for spreading area including applying of priming coat of red oxide primer for the trough | Area = same as item no 13 above = 334.57 SQM |
| 16 | Providing, laying, fitting of netlon mesh on top of spreading area for ground, first floor & 2nd floor trough | 3600 sqft = 334.57 SQM |

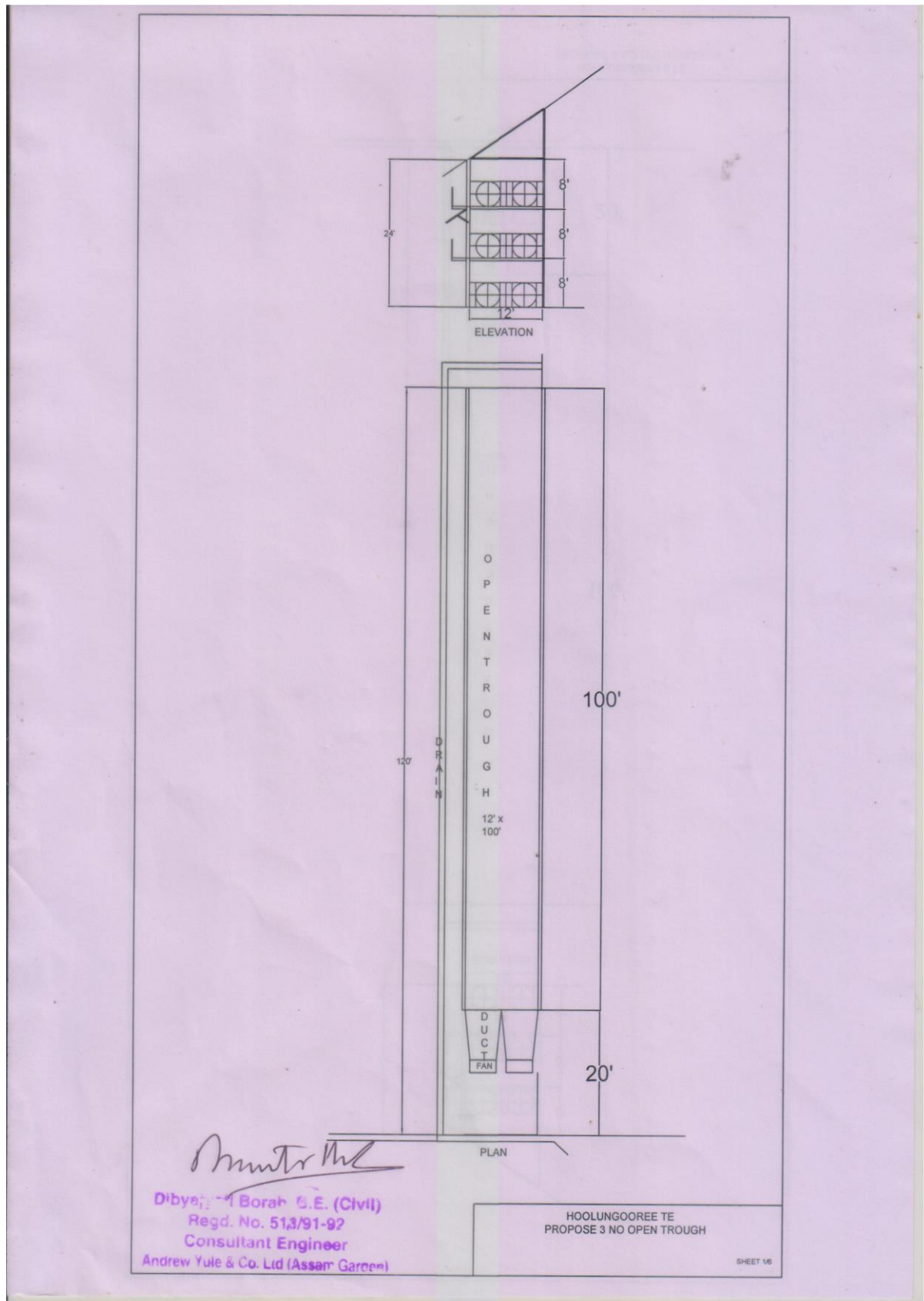
| Sl. No. | Description of Work | Tentative Size/Qnty |
|---------|--|--|
| 17 | Providing, fitting, fixing of Axial Flow fan for both the trough including supply, fabrication of Mixing chamber & duct with SWG 18 MS sheet, on frame of ISA 40x40x5 & ISA50x50x5 including red oxide primer and painting etc. | Total 6 nos ducting (2x3) each trough as per drawing, L=8', (8'x4' - 16 SWG M.S. Sheet 48 pc), ISA 50x50x5 = 150kg, ISA 40x40x5 = 400 kg |
| 18 | Providing electrical connection with M.S. Starter, reversing switch, cable, DB Box etc. including drawing of cable from Main Board for both the trough | 3.5Cx25 sqmm armoured cable from existing trough DB to new DB, main switch 100A MCB 1 no, 32A MCB - 4 no, 20A starter-4 no, 16 sqmm Cable for individual motor |
| 19 | Providing, measuring & cutting of ISMB 125, ISMC 100, ISA 65X65X6, ISA 50X50X5 for making of Floor and passage as shown in drawing covered with SWG18 MS Sheet under the trough area, SWG14 under passage & duct area for 1st floor trough | Main Floor Area = (12'x100')=1200sqft (M.S. Sheet 8'x4' -- 18SWG = 40pc), Floor under Ducting = (12x20) = 240 sqft + passage = (4X136)=544sqft, T = (240+544) = 784sqft (M.S. Sheet 8'x4' -- 14SWG = 28 pc), ISMB 125 = 340 kg, ISMC = 1300 kg, ISA 65X65X6 = 658kg, ISA50X50X5 = 513 KG |
| 20 | Providing, measuring & cutting of ISMB 125, ISMC 100, ISA 65X65X6, ISA 50X50X5 for making of Floor and passage as shown in drawing covered with SWG18 MS Sheet under the trough area, SWG14 under passage & duct area for 2nd floor trough | Main Floor Area = (12'x100')=1200sqft (M.S. Sheet 8'x4' -- 18SWG = 40pc), Floor under Ducting = (12x20) = 240 sqft + passage = (4X136)=544sqft, T = (240+544) = 784sqft (M.S. Sheet 8'x4' -- 14SWG = 28 pc), ISMB 125 = 340 kg, ISMC = 1300 kg, ISA 65X65X6 = 658kg, ISA50X50X5 = 513 KG |
| 21 | Providing, fitting, fixing of M.S. pipe 33mm OD for Railing around the first floor & Second floor trough level | $L=2x\{3x(120'+15'+15') + 1x(3'x20)\} = 1020' = 310.89m @ 2.65 kg/m = 824 kg$ |
| 22 | Providing, measuring, cutting and fabrication of ISA 50X50X5, ISNT50, M.S. Flat 50X5 for making of 4' height wall SWG16 8X4 M.S sheet fitting fixing for 1st floor trough including painting complete | Wall area = $\{(100'x4'x2)+(12'x4'x1)\} = 848 sqft$ (ISA 50x50x5 = 538 kg, ISNT = 250, MS Flat 50x5 = 190 kg, MS Sheet = 8'x4' -- 16 SWG = 32 pc |
| 23 | Providing, measuring, cutting and fabrication of ISA 50X50X5, ISNT50, M.S. Flat 50X5 for making of 4' height wall SWG16 8X4 M.S sheet fitting fixing for 2nd floor trough including painting complete | Wall area = $\{(100'x4'x2)+(12'x4'x1)\} = 848 sqft$ (ISA 50x50x5 = 538 kg, ISNT = 250, MS Flat 50x5 = 190 kg, MS Sheet = 8'x4' -- 16 SWG = 32 pc |

C. Tentative Bill of Materials for Proposed three Storied Trough House Building Shed and 3 nos Trough at Hoolungoree TE

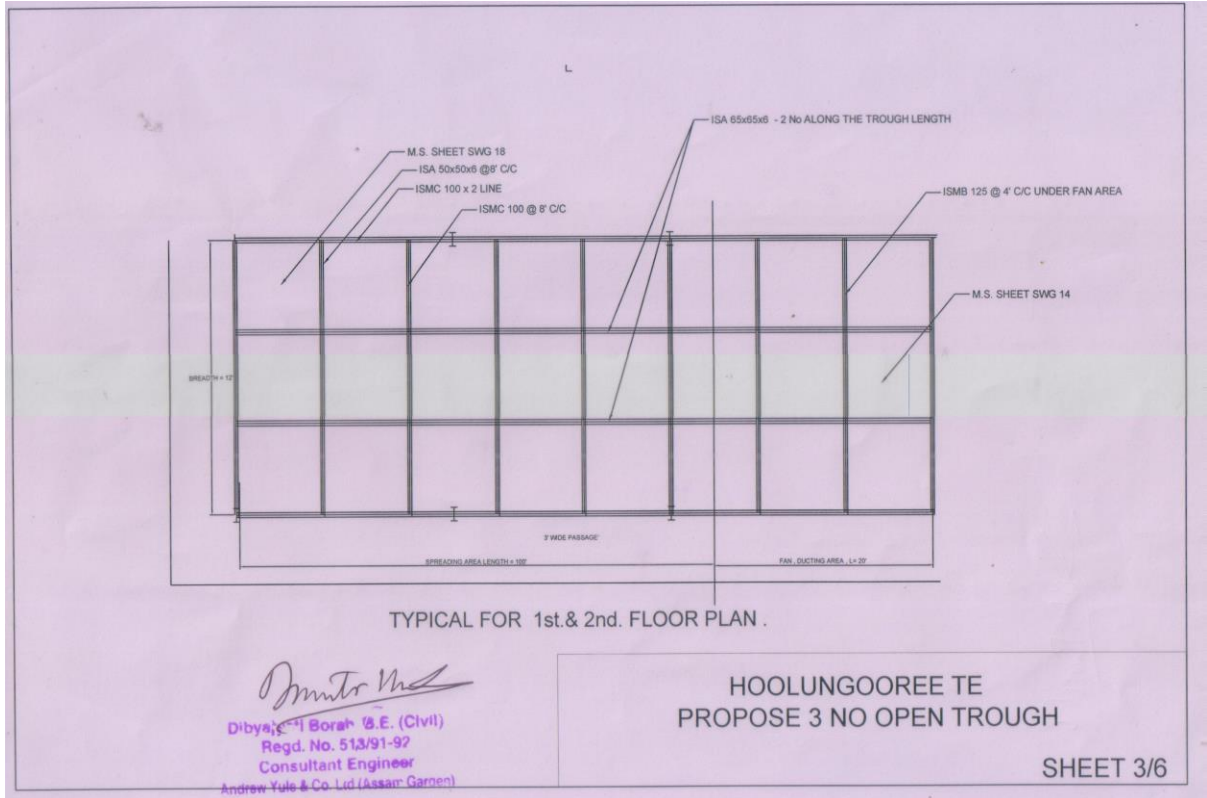
| Sl. No. | Item | Qty | Unit |
|---------|--|------|------|
| 1 | ISMB 200 for column | 2850 | kg |
| 2 | ISMB 125 | 680 | kg |
| 3 | M.S. plate 6 mm thick | 340 | kg |
| 4 | ISMC 100 | 4050 | kg |
| 5 | ISA 65X65X6 for truss, Purline, Platform etc. | 3325 | kg |
| 6 | ISA 50X50X5 for Trough, Spreading, Wall Floor, Louver etc. | 7800 | kg |
| 7 | ISA 40X40X5 for Trough, ducting, spreading etc. | 1810 | kg |
| 8 | ISNT 50 | 500 | kg |
| 9 | M.S. Flat 50X5 | 380 | kg |
| 10 | Welded Mesh 6' wide | 14 | roll |
| 11 | Netlon jalli 4' wide | 45 | roll |
| 12 | M.S. Flat 40X5 | 500 | kg |
| 13 | M. S. Pipe 33mm OD for Prop, Railing | 1425 | kg |
| 14 | M. S. Sheet 8X4 -- 16 SWG for Floor & passage | 56 | Pcs |
| 15 | M. S. Sheet 8X4 -- 16 SWG for Ducting & Wall | 112 | Pcs |
| 16 | M. S. Sheet 8X4 -- 18 SWG for under Spreading area Floor | 80 | Pcs |
| 17 | Welding Rod SWG 10 | 130 | Pkt |
| 18 | Welding Rod SWG 8 | 75 | Pkt |
| 19 | Bricks 1st class | 9000 | nos |
| 20 | Broken Bricks for soiling | 700 | cft |
| 21 | Cement | 270 | Bags |
| 22 | Sand | 1200 | cft |
| 23 | Stone Chip 5/8 | 1200 | cft |
| 24 | Red Oxide Primmer | 100 | Ltr |
| 25 | Thinner | 40 | Ltr |
| 26 | Synthetic Paint | 120 | Ltr |
| 27 | Oxygen for Gas Cutting | 16 | Nos |
| 28 | LPG for Cutting | 4 | Nos |
| 29 | Cutting Disc 14" | 60 | Pcs |
| 30 | M.S. Nut & Bolt Mixed Size | 35 | kg |
| 31 | AC sheet mixed size 3.0m, 2.5m, 1.5m | 185 | m |
| 32 | J hook | 35 | kg |
| 33 | Axial Flow Fan 48" dia with 5 HP Motor | 6 | Set |
| 34 | Armoured Cable - 3.5C X 35mm ² | 200 | m |
| 35 | Armoured Cable - 3C X 4mm ² | 80 | m |
| 36 | Electrical Panel Board with M.S. Starter, MCB, Rev Switch etc. | 3 | Set |
| 37 | Misc. Hardware item, coir, bamboo, shuttering, wire nail etc. | Ls. | |
| 38 | Labour charge for the completion of job | 1 | Lot |

[Note: BOQ given above is tentative, which may vary from actual during the execution of the job. For the same, no extra claim will be entertained from the vendor.]

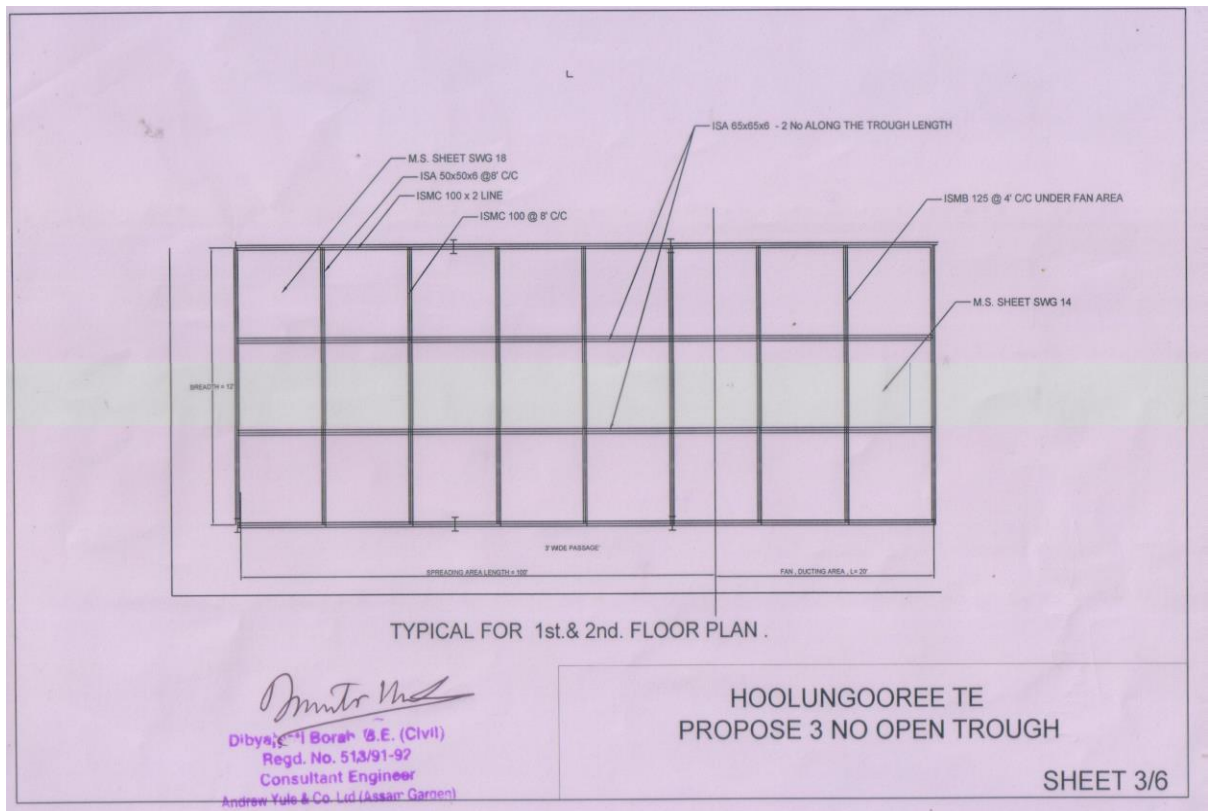
D. Drawings



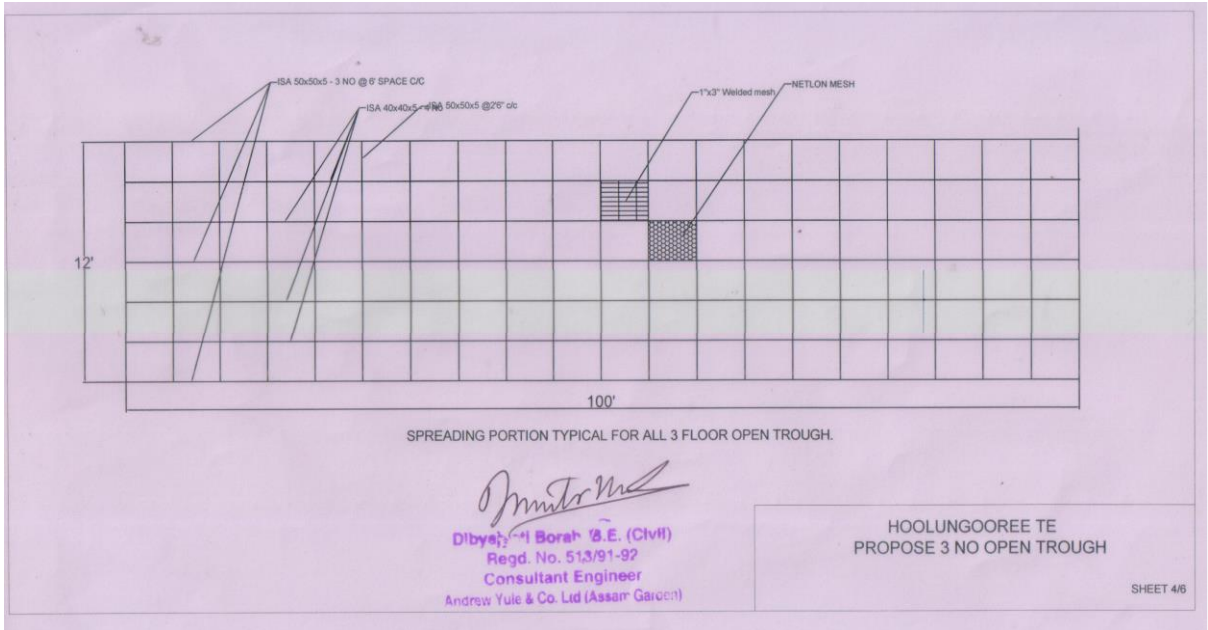
Drg No: 1



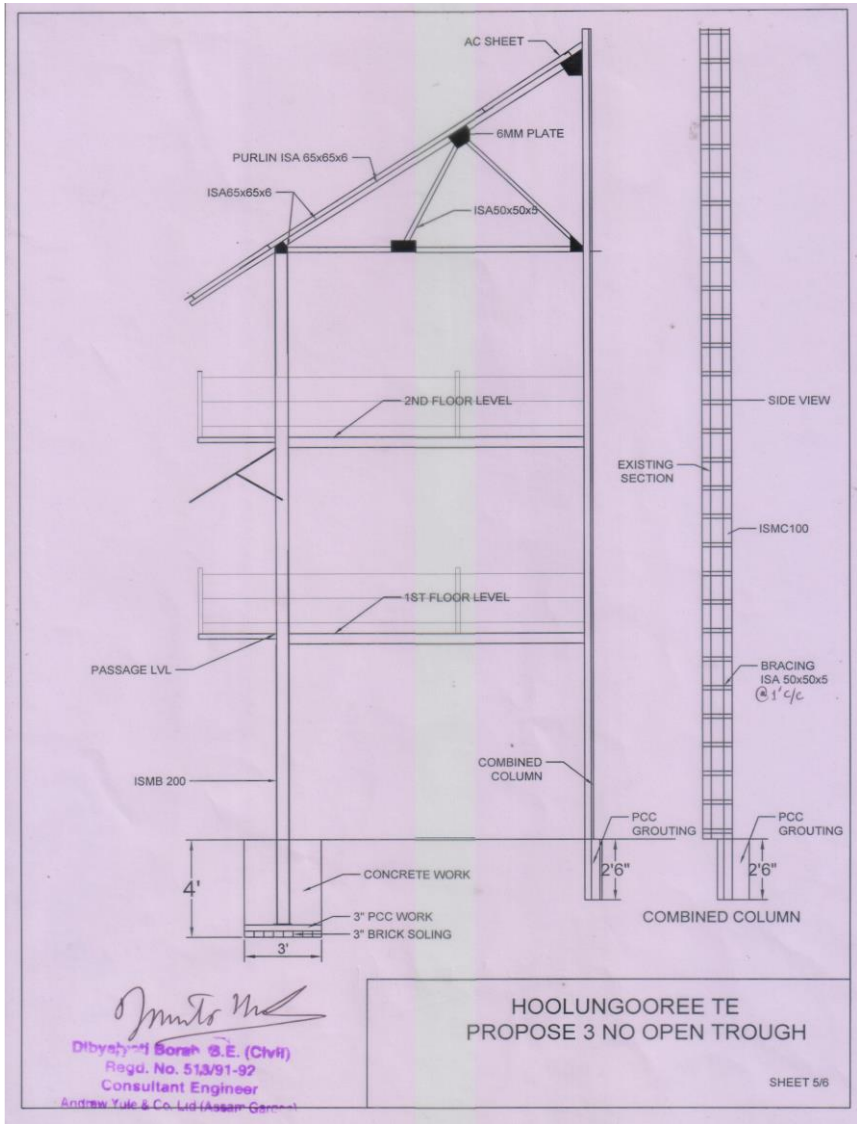
Drg No: 2



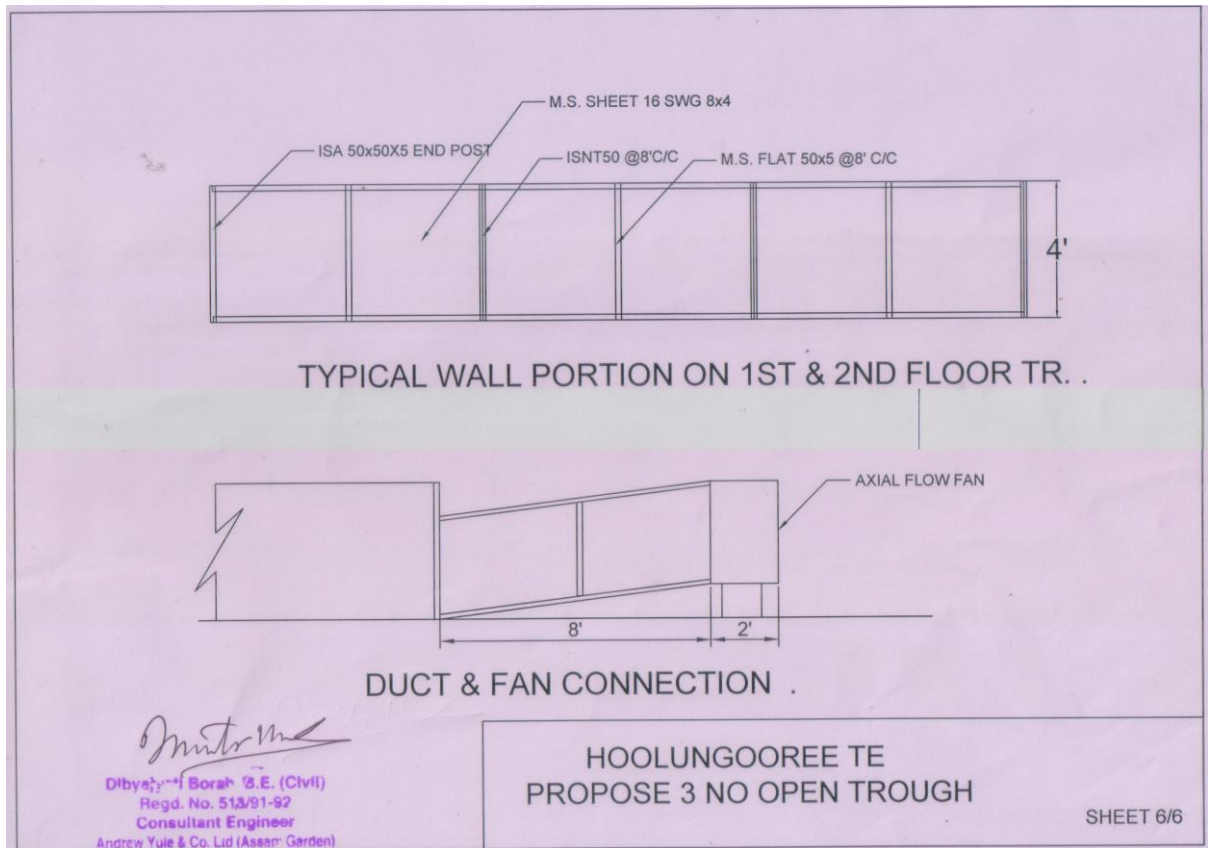
Drg No: 3



Drg No: 4



Drg No: 5



Drg No: 6

2. General Terms & Conditions

A. Type of Job: Turnkey basis job

B. Price: Price quoted by the party should be inclusive of the Taxes & Duties (GST) and Freight & Transit Insurance charges. Any other charges apart from the these should be included in the price.

C. Delivery: The entire job to be completed within 01 month from the date of receipt of order.

D. Liquidated Damage:

In the event of failure on the part of the contractor to complete entire work against the order to our full satisfaction within the specified period of completion, we may recover from the contractor as liquidated damages, a sum equivalent to ½% of contract value for each week or any part thereof default, where the delivery thereof will be accepted after expiry of the date stipulated for this purpose, but limited to a maximum of 10% of contract value.

E. Force Majeure:

Any delay or failure in the performance of either party hereto will not constitute default there under or give rise to any claim for damages, if any, to the extent such delays or failure of performance is caused by the occurrence such as acts of god or the

public enemy, appropriation or confiscation of facilities by Govt. Authorities, acts of war, rebellion or sabotage, fires, explosions, riots and illegal strike.

F. Risk Purchase:

In case the contractor fails to execute the contract fully or partly, the purchaser shall have the right to execute the work through other agencies, as decided by the purchaser at the contractor's cost and risk after giving two weeks' notice in writing.

G. Price Variation: The quoted price should remain firm during pendency of the contract.

H. Guarantee / Warranty: Written warranty of 12(Twelve) months to be to be given for the entire work. The said warranty will be effective from the date of handover of the complete work.

I. Payment terms:

- No advance will be given.
- Part payment to be released according to the progress of work (30% on completion Ground Floor with complete installation Withering Trough, 30% on completion First Floor with complete installation Withering Trough and balance 40% within 30 days from the date of handing over the complete construction) with 10% retention at each stage described in the scope of work which will be returned after 1 year of completion of the project.
- Statutory deductions will be made as per the rules.

J. Decision for awarding contract/job is vested with the Management so as to reject, split / fragment.

K. Upon placing of the order, the party have to submit the break-up of price quoted as per the BOM mentioned in Clause No. 1(C).

L. All materials to be routed through Garden stores only.

M. All applicable Taxes will be deducted at source as per statute

N. Legal disputes, if any will be subjected to Jorhat jurisdiction only.