

M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)
Implementing Agency: **PRADAN**

Office: Kabita Sing, Village-Shyamnagar, P.O-Borsole, Panchayat- Bhulaveda, Block- Binpur-II, District-
Jhargram, West Bengal -721501

Mobile: +91-9199772204, **Email:** ashishchakraborty@pradan.net

TENDER REFERENCE No. PRADAN/ SFURTI /CIV/01-2022

**TENDER FOR THE CONSTRUCTION OF COCOON BANK BUILDING AND COMMON FACILITY
CENTER OF JUNGAL MAHAL TASAR CLUSTER**

Dated 28th October 2022

Date & Time of Release of Tender	28.10.2022, 11.00 AM
Date & Time of Pre-Bid Meeting	01.11.2022, 01.00 PM
Last Date & Time for Submission of Bid	14.11.2022, 05.00 PM
Date & Time of Opening of Bid (Technical bid only)	15.11.2022, 01.00 PM

Technical Agency (SFURTI)
Tasar Development Foundation (TDF)
E-mail: shamshad.tdf@gmail.com **Website:** www.tdf.org.in

Sealed tenders under Double bid (Technical and Financial Bid) are invited from Licensed civil engineers/Contractors having a minimum of three years experiences in building construction/ Credentials of a similar nature of work of the minimum value of 50 lakhs of the amount put to tender during 3 (Three) year before to the date of issue of this tender notice for establishment of Common Facilities Centre at **land of Madan Mahato Son of Debendra Mahato, Village -Baishanbpur, Panchayat- Belpahadi, Block- Binpur-II, Jhargram, West Bengal-721501 and land of Bholanath Sardar C/O Manasaram Sardar, Village - Mahishamura, Panchayat- Raotora, Block- Ranibundh, Bankura, West Bengal-722135.**

Description of work	Package No.	Site location	Approximate value of work (Rs)	Period of Execution
Construction of Cocoon Bank of Jungal Mahal Tasar Cluster	1	Village -Mahishamura, Panchayat- Raotora, Block- Ranibundh, Bankura, West Bengal-722135	1,841,477	120 Days
Construction of Common Facility Center of Jungal Mahal Tasar Cluster	1	Village -Baishanbpur, Panchayat- Belpahadi, Block- Binpur-II, Jhargram, West Bengal-721501	1,790,692	120 Days
	1	Village -Mahishamura, Panchayat- Raotora, Block- Ranibundh, Bankura, West Bengal-722135	1,790,692	120 Days
Construction of Boundary wall with Common Facility Center of Jungal Mahal Tasar Cluster	1	Village -Baishanbpur, Panchayat- Belpahadi, Block- Binpur-II, Jhargram, West Bengal-721501	732,751	120 Days
	1	Village -Mahishamura, Panchayat- Raotora, Block- Ranibundh, Bankura, West Bengal-722135	732,751	120 Days

SI.No	KEY DATES	DATE DD/MM/YYYY	TIME	MODE/VENUE
A	Date of Publishing tender	28/10/2022	11.00 am	Newspaper- https://www.anandabazar.com/ https://www.telegraphindia.com/ website- www.tdf.org.in
B	Bid submission starting date	28/10/2022	10.00 am	PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal - 721515
C	Date, Time, and Venue of Pre-Bid Meeting	01/11/2022	1.00 pm	PRADAN office/virtual mode
D	Pre-Bid Meeting VC Link (To Connect Virtually)	31/10/2022	11.00 am	-----

Sl.No	KEY DATES	DATE DD/MM/YYYY	TIME	MODE/VENUE
E	Last date of physical submission of Tender	14/11/2022	5.00 pm	PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515
F	Last date of submission of Tender by Speed Post/ Registered Post/ Courier	14/11/2022	5.00 pm	PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515
G	Date and Venue of TECHNICAL BID opening	15/11/2022	1.00 pm	PRADAN office/virtual mode
H	Date and Venue of FINANCIAL BID opening	15/11/2022	1.00 pm	PRADAN office/virtual mode

COST OF TENDER FORM: Rs. 2500/-, Demand Draft in favor of "M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)", Payable at Axis Bank Jhargram. The demand draft should be submitted along with the technical bid.

PLACE OF TENDER SUBMISSION

AT-PRADAN, Silda, Binpur-II, Jhargram, West Bengal-721515| Mob-9199772204

OPENING OF TECHNICAL BID AND FINANCIAL BID:

AT- PRADAN, Silda, Binpur-II, Jhargram, West Bengal-721515| Mob-9199772204

A complete set of the Bid documents containing the details of the terms and conditions may be downloaded from the website: www.tdf.org.in and the same can be submitted along with cost of tender paper on shape of Bank Draft. Any corrigendum/ addendum/ information related to this NIT will only be uploaded in www.tdf.org.in website which will not be published in Newspapers. The authority reserves the right to accept / reject any part or all the bids without assigning any reason thereof. The authority has the right to increase/ decrease / cancel the tender & go for re-tendering without assigning any reason thereof.

Integrator PRADAN

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1. PREAMBLE

A scheme of fund for regeneration of traditional industries (SFURTI) has been devised by the Ministry of MSME, Government of India, with a view to making them more productive and competitive. It also aims to facilitate their sustainable growth. Indian Micro Enterprises Development Foundation (IMEDF) is designated as one of the Nodal Agencies under the scheme, managing Programme funds and monitoring and evaluating project implementation.

The scheme specifies the following institutional arrangement at the operational level:

- A Special Purpose Vehicle (SPV) is formed to develop and manage the Cluster.
- An Implementing Agency (IA) is appointed to implement the scheme.
- A Technical Agency (TA) is assigned to assist in implementing the scheme.

M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust), Borsole, Binpur-II block, Jhargram, West Bengal is the Special Purpose Vehicle (SPV) of the Cluster. **PRADAN** is the Implementing agency of the cluster while **Tasar Development Foundation (TDF)** is the technical agency for the cluster.

The scheme envisages establishment of upgraded yarn & fabric production infrastructure, as the Common Facility Center (CFC) and storage unit as Cocoon Bank for the manufacturing of Jungal Mahal Tasar Cluster value added products and stipulates the building construction and machinery procurement for the establishment of CFC should adhere to the General Financial Rules (GFR) of Government of India. Accordingly, the tender procedures are being undertaken for the construction of CFC building works and procurement of machineries.

M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust), the Special Purpose Vehicle (SPV) of PRADAN (IA), having the administrative office at Village-Shyamnagar, P.O-Borsole, Panchayat-Bhulaveda, Block- Binpur-II, District- Jhargram, West Bengal -721501 propose to procure machinery for a Common Facility Centre (CFC) at Village -Mahishamura, Panchayat- Raatora, Block- Ranibundh, Bankura, West Bengal-722135 & Village -Baishanbpur, Panchayat- Belpahadi, Block- Binpur-II, Jhargram, West Bengal-721501 with the financial assistance from Government of India under SFURTI.

In this context, on behalf of SPV, M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust), PRADAN the Implementing Agency (IA), Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515 invites sealed tenders from Original bonafide contractors in "Two Cover System" for the construction, Installation and completion as per specification of CFC & Cocoon Bank through transparent bidding process. The Tender notification has been published fixing the date of opening of tender as **15.11.2022 at 1.00 PM.**

2. SCOPE OF WORK

- a) The successful tenderer should undertake Construction of Common Facility Centre & Cocoon Bank, for the respective packages at Village -Mahishamura, Panchayat- Raotora, Block- Ranibundh, Bankura, West Bengal-722135 & Village -Baishanbpur, Panchayat- Belpahadi, Block- Binpur-II, Jhargram, West Bengal-721501 as per the drawings and Estimate/Bill of Quantity (BoQ) given in Annexure-I.
- b) The successful tenderer should complete the construction of CFC buildings and amenities within 120 days from the date of receipt of Work Order. The timeline for the cumulative percentage of work to be completed based on the value of work shall be as given below:

DAYS	PERCENTAGE OF WORK TO BE COMPLETED
1ST 30 DAYS	Min. 30% of total contract value
2ND 45 DAYS	Min. 60% of total contract value
3RD 45 DAYS	100% of total contract value

3. QUALIFICATION CRITERIA

Clause	Qualification Criteria	Supporting Document
3.1.	The tenderer should be a registered legal entity.	<ol style="list-style-type: none"> 1. In case of Private / Public Limited Companies, <ul style="list-style-type: none"> • Copy of Incorporation Certificate issued by the Registrar of Companies • Copy of Memorandum and Articles of Association 2. In case of Partnership Firm, <ul style="list-style-type: none"> • Registered Partnership deed 3. In case of Proprietorship Concern, <ul style="list-style-type: none"> • Copy of Udyog Aadhaar/GST Registration Certificate / PAN Card. 4. In case of Start-Up Entity <ul style="list-style-type: none"> • Proper registration from the concerned authority, DIPP registration, Government of India is required as per Startup Policy. • Minimum 3 Year experience in similar completed works is mandatory. • Minimum 3 Years completed work proven by client satisfactory report should be submitted with bid document.
3.2.	The tenderer should be an eligible Civil contractor	Valid Registration Certificate from PWD as Class I Contractor or from Highways department (ii) Valid registration of GST

3.3.	The tenderer should have at least 3 years of experience (as on 31 st March 2022) as a Civil Contractor	Work orders issued by clients Performance certificate issued by clients List of construction works executed in last 3 years as per Annexure-V
3.4.	The tenderer should have been awarded and successfully completed at least three works of similar nature end to end project execution (Gov / Pvt Ltd / MNC) in the last 3 years (As on 31 st March 2022).	Work orders issued by clients Performance certificate issued by clients
3.5.	The tenderer should have reported a minimum Average Annual Turnover of Rs.50 Lakh in the last three consecutive financial years i.e., FY 2018-19, 2019-20 and 2020-21	The average annual turnover statement duly certified by Chartered Accountant as per Annexure IV The Annual Report/ certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years
3.6.	The tenderer should not have been blacklisted for supply of any items or services by any Government departments/agency	The declaration form as per Annexure VI should be enclosed.

4. LANGUAGE OF THE TENDER

The Tender prepared by the tenderer as well as all correspondences and documents relating to the tender shall be in English language only. If the supporting documents are in a language other than English, the notarized translated English version of the documents should also be enclosed.

5. PURCHASE OF TENDER DOCUMENTS

- i. The tender can also be obtained from the following address- PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515.
- ii. The tender document can be downloaded from www.tdf.org.in. The tenderer should give a declaration for not having tampered the Tender document downloaded from Internet (as per Annexure VII).
- iii. The tender document can be downloaded from 28/11/2022 to 14/11/2022.

6. PRE-BID MEETING

There will be a pre-bid meeting on 01/11/2022 in the office of the PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515 virtually during which the prospective tenderers can get clarifications about the tender.

The tenderers shall send their queries in writing if any, to reach IA at least two days prior to the pre-bid meeting date at the mail i.d ashishchakraborty@pradan.net, which would be promptly addressed in the meeting. The tenderers are advised to check www.tdf.org.in for up-to-date information like change in date /venue etc., of pre-bid meeting as IA may not be able to identify and communicate with the prospective bidders at this stage. Non attending of pre-bid meeting is not a disqualification. In case of any extended (COVID) lockdown period on the date of pre- bid meeting or any other such circumstances, the pre-bid meeting would be conducted by video conferencing on some other date, which will be intimated in the website, for which the interested bidders are requested to mail their Email-Id and WhatsApp/phone number to the mail Id of the I.A- ashishchakraborty@pradan.net /9199772204 before 12/11/2022.

7. CLARIFICATION OF THE TENDER DOCUMENT

The tenderers may ask for queries in any of the clauses in the tender document before 48 hours of the opening of the tender. Such queries may be sent in writing to IA by e-mail ashishchakraborty@pradan.net. IA will upload the clarification on www.tdf.org.in. It is binding on the part of tenderers to check the above said website for any amendments or clarifications posted during the entire tender process.

8. AMENDMENT OF THE TENDER DOCUMENT

To issue Amendment; IA in consultation with NA/TA as a result of a query, suggestion or comment of an Applicant or a Respondent, may modify the tender document by issuing an addendum or a corrigendum at any time before the opening of the tender, with the concurrence of the tender/working committee. Any such addendum or corrigendum will be uploaded on www.tdf.org.in and the same will be binding on all Applicants or Respondents or Tenderers, as the case may be.

9. AUTHORIZATION OF THE TENDERER

The Tender should be signed on each page by the tenderer or by the person who is duly authorized for the same by the tenderer. Mandatorily, the tenderer shall also authorize its designated phone no, email ID and postal address through which all communications would be carried out for all purposes of the tender.

10. PRE-VISIT OF SITE

The tenderer, on his/her own responsibility, risk, and cost, is advised to visit and examine the site of works as given above and its surroundings and obtain all information that may be necessary for preparing the bid and entering a contract for the work(s) as mentioned in the Annexure (I).

11. SPECIFIC INSTRUCTIONS TO BIDDERS / CONTRACTORS FOR QUOTING OF RATES

- (a)** The contractors are requested to read the detailed specification and quote the rates clearly in the Price bid. Quoting the rates in the Price bid will only be taken up for comparison and shall be final.
- (b)** The tenders invited are based on item wise rates mentioned in the estimate of works/BoQ. Any lump sum deductions or increase or rebate offered either in the tender or in the covering letter or at any portion of the tender will be ignored and only the rates offered in the Price bid alone will be taken as valid rates and taken up for tender comparison. Rates or Lump sum amounts for items not called for shall not be included in the tender. Any alteration made by the tenderer in the contract form, the conditions to Contract, the drawings, specification, or quantities accompanying the same will not be recognized and if any such alterations are made the tender will be void.

- (c) The tenderer / contractor will make his/her/their own arrangements to procure and use ISI Brand Cement and ISI Brand steel required for the work.
- (d) It should be clearly understood that the rate quoted by the tenderer / contractor is inclusive of incidental charges including all seen & unseen costs such as conveyance, loading, unloading, stacking at site, and testing charges etc., complete.
- (e) The tenderer / contractor will produce test certificate obtained from any one of the Govt. institutions for cement and steel brought to site. And only when the test results confirm to the ISI specification they will be allowed to be used in the works.
- (f) The tenderer / Contractor should strictly follow above instructions without fail.

MATERIALS TO BE USED

- a) All materials shall be best of their kind and shall conform to the latest Indian Standards.
- b) All materials shall be of approved quality as per samples and approved by the concerned authority.
 - i. **Cement:** Shall comply with the latest specifications confirming to IS: 8112 for 43 grade OPC and IS 12269 for 53 grade cement.
 - ii. **Reinforcement:** High Yield Strength deformed bars conforming to IS 1786 – 1990 Fe 500 (Thermos mechanically treated bars) and Mild Steel confirming to IS 432 (Part-1).
 - iii. **Coarse Aggregate:** Shall be of the best quality, hard machine crushed stone free from earth or any organic matter etc. Suitably graded and shall conform to IS: 383-1990.
 - iv. **Sand:** Shall be river sand clean, sharp, strong, angular and composed of hard siliceous materials. It shall be free from any harmful materials such as iron pyrites, coal mica, shale, clay alkali, soft fragments, sea shale, organic impurities, etc. It shall be obtained from approved quarries and shall conform to IS:383-1990.
 - v. **Bricks:** Bureau of Indian Standards have issued code IS:12894-2002 for bricks.
 - vi. **Timber:** Shall be of best quality, perfectly dry, well-seasoned and free from sap wood, sound straight, free from loose knots, cracks shakes and any appearance of root and any other defect and conforming to IS: 12896 – 1990. No woodwork shall be placed in position covered in the wall unless it is approved by the Architect.
 - vii. **Hardware Fittings for Doors:** All the doors shall be provided with MS powder coated hinges, aldrops, tower bolts, locks etc. or as specified in schedule of quantities. The external doors shall be provided with Godrej make locks.
 - viii. **Admixtures:** Admixtures if used shall comply with IS 9103. Admixtures to concrete shall not be used without the written consent of the Architect. When permitted, the contractor shall furnish full details from the manufacturer and shall carry such test as the Architect may require before any admixture is used in the work to check particularly for Chlorides.

Admixture may be used to modify one or more of the following properties of: **FRESH CONCRETE.**

- a) To increase workability without increasing water content or to decrease the water content at the same workability.
- b) To retard or accelerate both initial and final setting times.
- c) To reduce or prevent settlement.
- d) To increase slight expansion in concrete and mortar.
- e) To modify the rate or capacity for bleeding or both.
- f) To reduce segregation of concrete, mortars and grouts.

- g) To improve penetration & or pump ability of concrete, mortars & grouts.
- h) To reduce rate of slump loss
- i) All concrete should be machine mix as per IS code of practice. - This may be included

Admixture may also be used to modify one or more of the following properties of: **HARDENED CONCRETE**

- To retard or reduce heat generation during early hardening.
- To accelerate the rate of strength development.
- To increase the strength of concrete or mortar (Compressive, tensile or flexural).
- To increase the durability or resistance to severe conditions of exposure including the application of deicing salts.
- To decrease the capillary flow of water.
- To decrease the permeability to liquids.
- To control the expansion caused by the reaction of alkaline with certain aggregate constituents.
- To produce cellular concrete.
- To increase the bond of concrete to steel reinforcement
- To increase the bond between old and new concrete.
- To improve impact resistance and abrasion resistance.
- To inhibit the corrosion of embedded metal.
- To produce colored concrete or mortar

12. SUBMISSION OF TENDER IN TWO COVER SYSTE

The tender comprises of 1 package. The drawings and Bill of quantities (BOQ) is given in Annexure I.

i. Every page of the terms and conditions of the tender document should be signed and enclosed with the tender, in token of having accepted the tender conditions. Failing which the tender will be rejected summarily.

ii. Tenders should be submitted in two parts separately:

Part I will cover **TECHNICAL BID**

Part II will cover **FINANCIAL BID**

iii. Tenderers should ensure submission of all documents pertaining to Part-I and Part II proposals separately as per the Check list given in Annexure -X.

iv. Tenderers are requested to place Part I and Part II documents in separate sealed covers.

Part I cover to be superscripted as "**Part I – Technical bid**"

Part II cover to be superscripted as "**Part II – Financial bid**"

respectively, mentioning the name and address of the Tenderer in each of both covers. These two sealed covers (**Part I and Part II**) must be placed in a single outer cover superscripted as "**Tender for the construction of Common Facility Centre buildings and Cocoon Bank amenities at Jungal Mahal Tasar Cluster**" and addressed to "**PRADAN, Silda, Block- Binpur-II, District- Jhargram, West Bengal -721515**" mentioning the name and address of the Tenderer in the outer cover. **Tenders shall be submitted in sealed cover and unsealed tenders would summarily be rejected.**

v. A tender once submitted shall not be permitted to be altered or amended.

vi. The tenders can be submitted through registered post so as to reach the above address on or before 05:00 PM on 14/11/2022. Tenders received after the specified time will not be considered and IA will not be liable or responsible for any postal delays.

13. EARNEST MONEY DEPOSIT

The tender from should be deposited along with earnest money of **Rs.1,37,767** the bidders are compulsory to Submit the EMD. The bidder shall submit the EMD in the form of Demand draft/Banker's Cheque/FDR of any nationalized Bank in favor of "Jungal Mahal Mahila Tasar Chasir Dal Community Trust- SFURTI." Payable at Jhargram. The tenderer should submit "BID SECURITY DECLARATION" as per the format given inAnnexure VIII, failing which the bid is liable for rejection.

- i. If the tenderer emerges as the successful bidder and after subsequent issuance of letter of acceptance by the IA, failure to sign the agreement, to remit the Security Deposit or to execute the contract as per tender conditions, will result in the forfeiture of the EMD amount remitted.
- ii. Micro and Small Enterprises (MSEs) registered with District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises (MSMEs) would be entitled for exemption from furnishing EMD / Bid Security. The interested bidder seeking exemption has to submit a certificate (in technical bid) issued by the appropriate authority, along with **[Annexure VIII-Declaration of Bid security In technical bid document]**

14. VALIDITY

- i. The rate quoted in the Tender should be valid for the acceptance by the IA for a minimum period of 90 days from the date of opening of the Tender.
- ii. The accepted rate of the successful tenderer is valid till the entire contract is fully completed. Escalation in the rates will not be entertained under any circumstances.

15. OPENING AND EVALUATION OF THE TENDER

- i. The tender box will be closed at 5.00 PM as per IST on **14/11/2022**.

(Place of tender submission: "PRADAN, Silda, Binpur-II, Jhargram, West Bengal-721515) for contact-9199772204 and the received tenders in the tender box will only be opened. Tenders received after specified date and time will not be accepted. The Tender will be opened by the Tender committee at 01.00 PM on **15/11/2022** in the presence of the available Tenderers/representatives of the Tenderers who choose to be present.

The venue of the Bid opening shall be online The Tenderers or their authorized agents are allowed to be present at the time of opening of the tenders.

- ii. Tender Committee will inform the attested and unattested corrections before the Tenderers and sign all such corrections in the presence of the Tenderers. If any of the Tenderers or agents do not present then, in such cases the Committee will open the tender of the absentee Tenderer and take out the unattested corrections and communicate it to them. The absentee Tenderer should accept the corrections without any question whatsoever.
- iii. If the date fixed for opening of the tender happens to be a Government holiday, the sealed tenders will be opened at 11.00 AM on the next day.
- iv. The Technical bid will be evaluated by the tender committee in terms of the qualification Criteria. The committee reserves the right to disqualify any of the tender in case the Committee is not satisfied with the documents furnished.
- v. After the completion of evaluation of technical bids, the tenderers declared as qualified by the Committee, will be informed the date of opening of financial bid **(Part II)**.

16. PRICE OFFER

- i. The Financial bid should be kept only in the Part II cover.
- ii. The Financial bid should be prepared as per Annexure-IX.
- iii. The price should be neatly and legibly written both in figures and words.
- vi. In case of discrepancy between the prices quoted in words and figures lower of the two shall be considered.
- vii. If a bidder quotes NIL charges/consideration, the bid shall be treated as unresponsive and will not be considered.
- viii. **Part-II (Financial Bid)** should not contain any commercial conditions. Variation in the commercial terms and conditions of the tender will not be accepted.

17. EVALUATION OF THE PRICE

- i. The Tender committee will examine for complete, properly signed and error-free nature of the **Financial Bid (Part II)**.
- ii. The comparison of the rates offered shall be based on the total all-inclusive rates offered (i.e., sum of all inclusive rate offered for all the tendered items).

18. AWARD OF CONTRACT

- i. The Tenderer who has quoted lowest price (L1) will be issued the 'Letter of Acceptance' by the Implementing Agency.

- ii. In unavoidable circumstances, such as receipt of very limited bids or the proposal prices are substantially higher than the market value / updated cost estimate or available budget, the committee may decide upon resorting to Negotiation with the lowest evaluated responsive bidder. In such cases, the Tenderer who has quoted lowest price (L1) will be invited for negotiations and after finalizing the negotiated rate, Letter of Acceptance will be issued.

19. SECURITY DEPOSIT

- i. On receipt of the Letter of Acceptance from IA, the successful tenderer should remit a Security Deposit (SD) of **5%** of the value of the contract in the form of Account payee Demand Draft from any Banking Branch or irrevocable Bank Guarantee with a validity period of one year in favor of **"Jungal Mahal Mahila Tasar Chasir Dal Community Trust- SFURTI."** Payable at **Jhargram. The same should be issued from a Scheduled Commercial Bank, as per forms specified in GFR 2017**, within 10 (Ten) working days from the date of receipt of letter of acceptance.
- ii. Any other amount pending with IA will not be adjusted under any circumstances, against the Security Deposit if so requested.
- iii. If the Security Deposit amount is not paid within the time specified, the EMD remitted by the tenderer shall be forfeited, besides cancelling the communication of acceptance of the Tender. In case of surrendering of the tender or failure to comply with the terms and conditions of the supply as mentioned in the NIT and supply order document. The Performance security will be forfeited
- iv. Security Deposit amount remitted will not earn any interest.

20. AGREEMENT

The successful tenderer should execute an agreement as may be drawn up to suit the conditions on a non-judicial stamp paper of value, as prescribed in law on the date of remittance of Security Deposit and shall pay for all stamps and legal expenses incidental thereto. In the event of failure to execute the agreement, within the time prescribed, the EMD/SD amount remitted by the tenderer will be forfeited besides cancelling the Tender.

21. ISSUE OF WORK ORDER

After payment of Security Deposit and successful execution of the agreement, Work Order will be released within 10 days by the IA. The successful tenderer should complete the Construction of Common Facility Centre, Cocoon Bank & Boundary wall buildings and amenities within 120 days from the date of receipt of Work Order.

22. DEFECT IDENTIFICATION AND ITS RECTIFICATION

- i. Defect Liability period shall be 6 months from the date of the completion of work. Any defect arising in the work in guarantee period due to faulty workmanship and faulty materials should be rectified by contractor at his own cost.
- ii. Any deficiency in concreting such as cracking, excessive honeycombing, exposure of reinforcement or other fault which entail replacement of the defective part by fresh concrete and whatsoever remedy reasonable required without hampering the structural safety and architectural concept, all at the cost of contractor.
- iii. The successful tenderer should submit **security deposit equivalent to 5% of the total value of contract valid for 6 months** towards Defect Liability.

23. EMPLOYMENT OF TECHNICAL ASSISTANTS

- i. The tenderer shall employ qualified technical persons at his cost to supervise the work and the tenderer should ensure the presence of the technical persons at the site of work during working hours, monitoring all items of works and paying extra attention to such works as may demand special attention.
- ii. A movement site register should be opened and maintained for Technical persons employed by the Contractor. The Technical persons should note the arrival and the departure timings every day along with their initials in a register. Such Register should be produced during inspection of the Inspecting Officers (Tender committee members).

24. PAYMENT TERMS

- i. **30% of the contract value** will be paid on completion of Foundation level works and submission of Stage level completion certificate & M.B by a Chartered Engineer, based on the inspection report by Tender Committee. 30% (Thirty) of contract value may be paid, as advance against submission of SDR (Security Deposit Receipt) on execution of agreement.
- ii. **40% of the contract value** will be paid on completion of roof level works and submission of Stage level completion certificate by a Chartered Engineer, based on the inspection report by Tender Committee.
- iii. **25% of the contract value** will be paid on completion of overall remained civil work and submission of stage level completion certificate by Chartered Engineer, based on the inspection report by Tender committee

- iv. **The balance 5% and SD** will be released only after satisfactory completion of the entire contract based on the inspection report by Tender Committee and submission of Chartered Engineer's work completion & valuation certificate. Performance Security amount of 5%, equivalent to 5% of the total value of contract towards Defect Liability.
- v. IA in due approval of tender committee also reserves the right to recover any dues from the tenderer, which is found on later date, during audit/excess payment, after final settlement is made to them. The successful tenderer is liable to pay such dues to the IA immediately on demand, without raising any dispute/protest.

25. PENALTY

- i. Failure to execute the entire contract within **120 days** from the date of issue of work order will attract a **penalty of 0.5% per 7 days (a week)**, on the full value of the contract up to a **maximum of 10%**. Delays beyond that period will be viewed as violation of the contract terms and will be dealt accordingly.
- ii. Implementing agency/Technical Agency/Nodal Agency/Working Committee or the competent authority reserves the right to inspect the site at any point of time during the contract period to ensure the progress and quality of work carried out. During the inspection, if any discrepancies found in the quality of work / material used, the IA, with the approval of the tender committee, reserves the right to order for any rework(s) / replace any item(s) of material, as the case may be, in order to ensure the quality of work / Progress as per the contract terms.
- iii. All the materials used for construction shall be first use, new, high-quality material. Old or Used materials will not be accepted and if found, the decision of Committee, either for rework / replace / deduction in payment shall be binding on the contractor.
- iv. Any delay on the part of IA should be intimated through email and sorted out immediately without affecting the progress of works.

26. TERMINATION OF CONTRACT

IA in consultation with the Working Committee reserves the right to terminate the contract at any time during the validity period on account of non-fulfillment of contract or for any of the reasons.

27. GENERAL CONDITIONS

- i. Conditional tender in any form will not be accepted.
- ii. Any notice regarding any matters, to the contractor shall be deemed to be sufficiently served, if given in writing to his usual or last known place of business.

Tender committee reserves the right to relax or waive or amend any of the tender conditions.

- iii. The successful tenderer shall not outsource/off load either full or part of the work to any other agency / individual
- iv. If the performance of the tenderer is not as per the schedule, then tender committee reserves the right to cancel / reallocate full or part of the contract, at any stage of the contract execution.

28. ARBITRATION

- i. In case of any dispute in the tender, including interpretation, if any, on the clauses of the tender or the agreement to be executed, the matter shall be referred by IA / Tenderer to an Arbitrator to be appointed by the Parties hereto by mutual agreement. If no such Arbitrator could be appointed by mutual consent, the matter may then be referred to the IMEDF (Indian Micro Enterprises Development Foundation), NEW DELHI for nominating an Arbitrator, the Arbitration proceedings being governed by the Arbitration and Conciliation (Amendment) Act 2015.
- ii. The venue of the Arbitration shall be at IMEDF, NEW DELHI The decision of the Arbitrator shall be final and binding on both the parties to the Arbitration.
- iii. The Arbitrator may with the mutual consent of the parties, extend the time for making the award. The award to be passed by the Arbitrator is enforceable in the court at Jhargram.

29. JURISDICTION OF THE COURT

Any dispute arising out of non-fulfillment of any of the terms and conditions of this Agreement or any other dispute arising out of the arbitration award will be subject to the jurisdiction of the Courts in Jhargram, West Bengal only.

We agree to the above terms and conditions.

Signature of the tenderer:

Date:

Name In Block letters:

Designation:

Address:

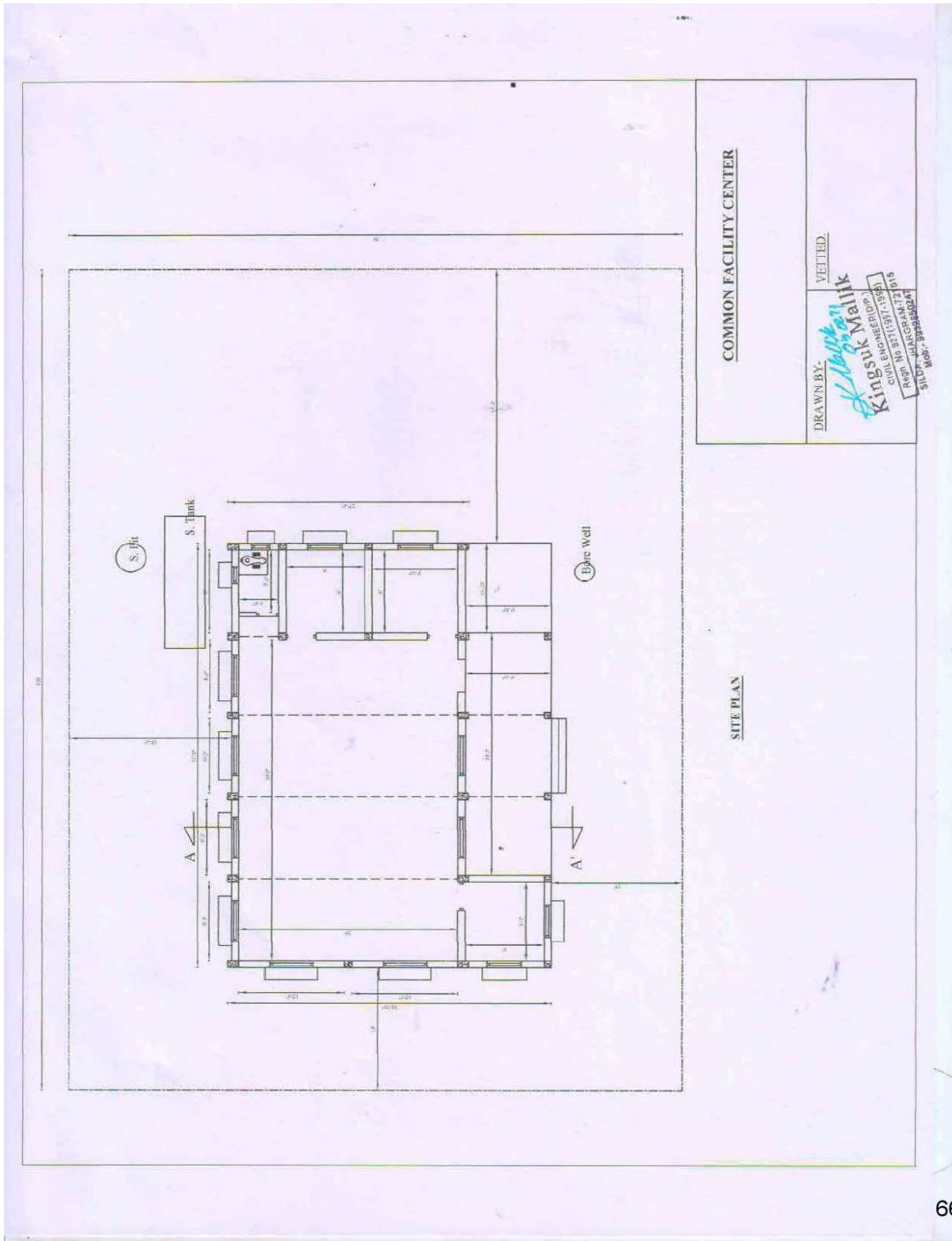
30. ANNEXURES

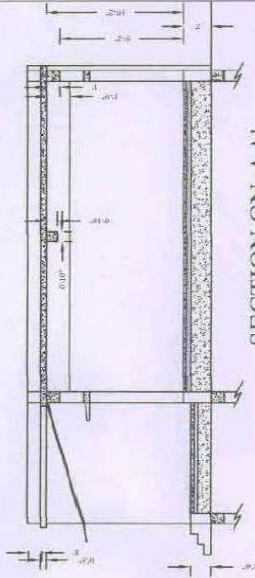
ANNEXURE-I

Part 1 – SCOPE OF WORK (As per DPR)

SL NO	DESCRIPTION	UNIT AREA	Total (AMOUNT IN Rs.)
1	COMMON FACILITY CENTRE (2 Nos)	1781.74 Sq Feet (2 Nos)	
2	Cocoon Bank	2,463.47 Sq Feet	
3	Boundary Wall (2 Nos each with Common Facility Centre)	340 Running Feet (2 Nos)	
	TOTAL		

LAYOUT OF COMMON FACILITY CENTRE

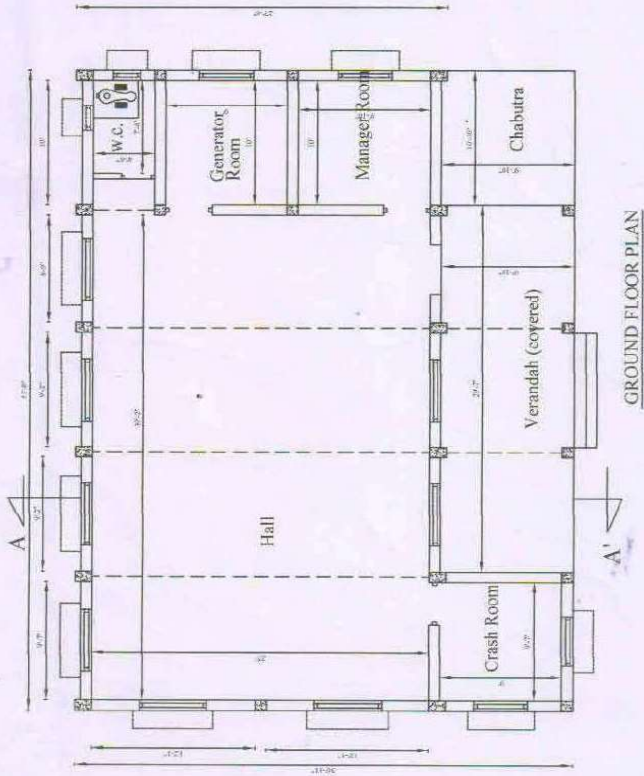
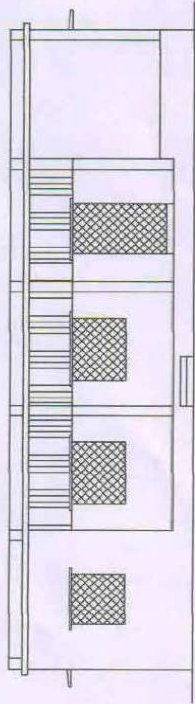




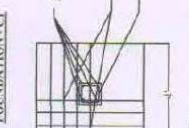
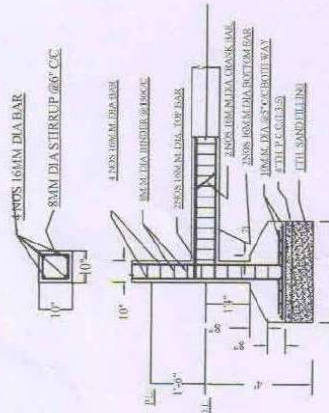
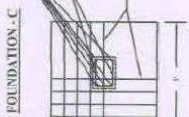
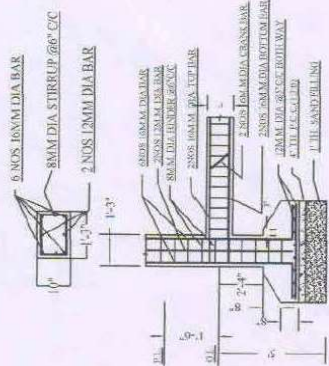
DOOR & WINDOWS SCHEDULE

- W1-1500X1200
- W2-1200X1200
- D1-1200X2100
- D2-1050X2100

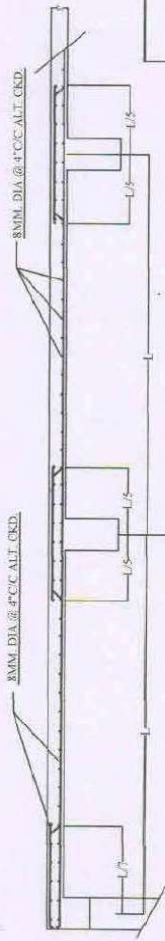
PLINTH AREA - 1781.74 SQ.FT i.e. 165.52 SQ.M.



COMMON FACILITY CENTER	
DRAWN BY: Sk. Iqbal Malik D. ENGINEER (P.P. I) CIVIL No. 9211/591/2/1515 Regd. No. 602586647	VETTED:



FOUNDATION DETAILS



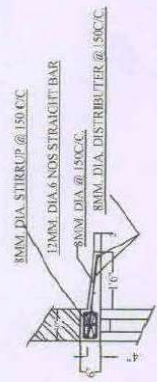
SLAB DETAILS

NOTES & SPECIFICATION

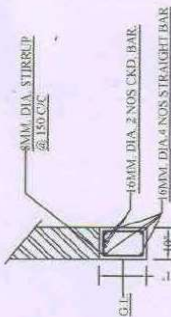
- ALL P.C.C. WORKS ARE WITH (1:3:6) PROP.
- ALL R.C.C. WORKS ARE WITH NOMINAL MIX. M20
- ALL 10" TH BRICK WORKS ARE WITH (1:6) CEMENT MORTAR.
- ALL 5" TH BRICK WORKS ARE WITH (1:4) CEMENT MORTAR.
- ALL R.C.C. WORKS ARE WITH GRADE OF STEEL Fe-500.

NOTES

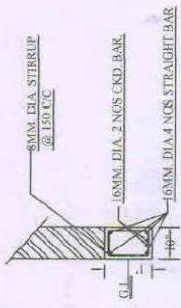
- LAND STATUS - MOOREM. BEARING CAPACITY - 8 T/SQ.MT.
- ALL COVER FOR R.C.C. WORK IS - 25TH.
- ALL DOORS & WINDOWS (D.W) ARE STEEL.
- PROPOSED COVERED AREA - 98.65 SQ.MT.



LINTEL & CHAJJA AT OPENING



GROUND TIE AT SUPPORT



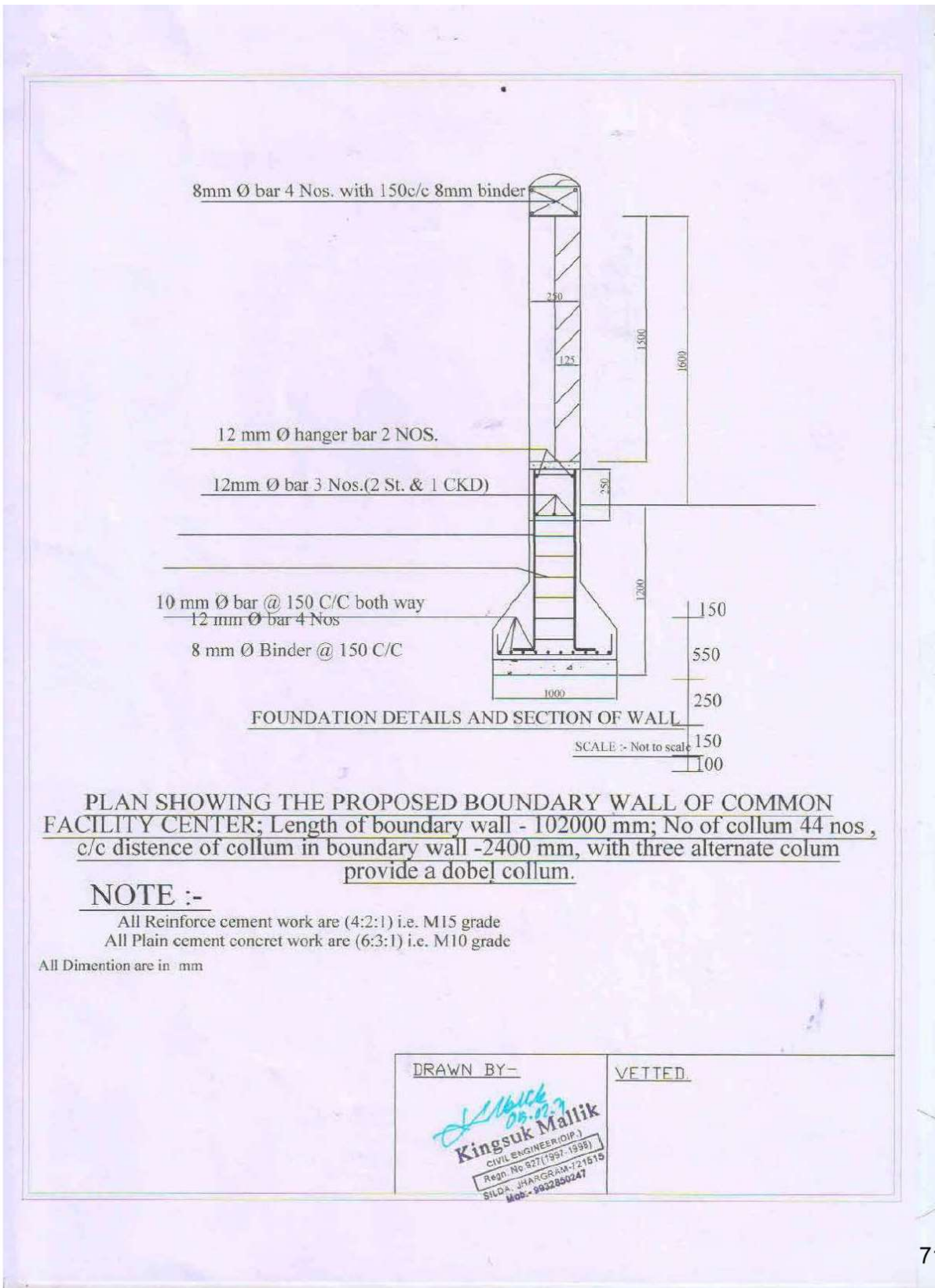
GROUND TIE AT MID SPAN

COMMON FACILITY CENTER

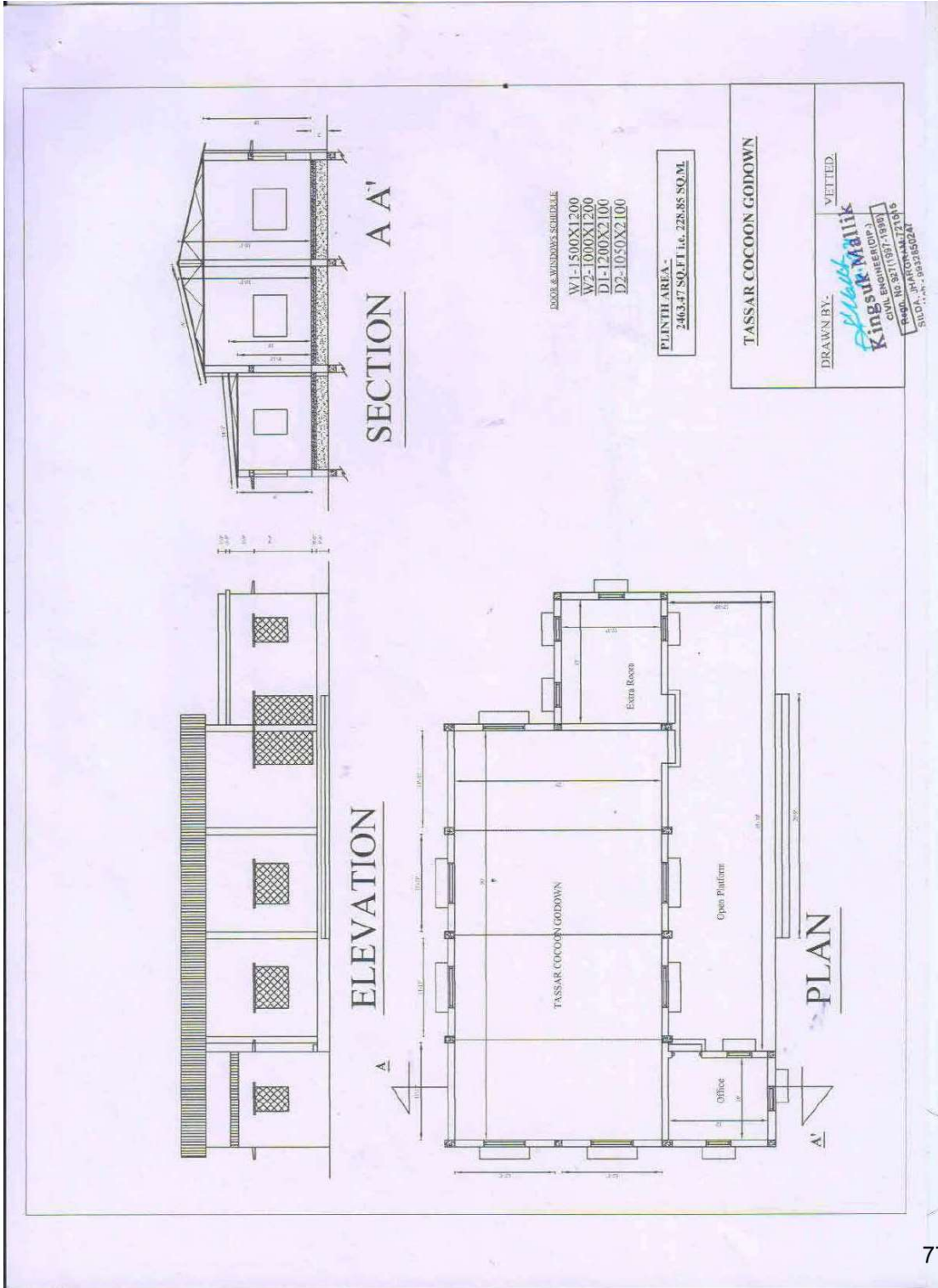
DRAWN BY: *[Signature]*
09.02.21

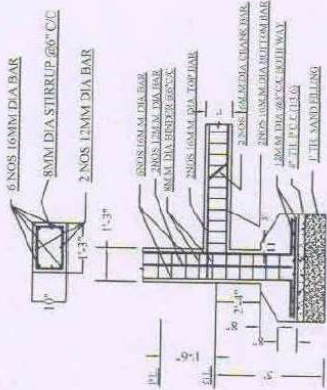
VETTED

LAYOUT OF BOUNDARY WALL OF COMMON FACILITY CENTRE

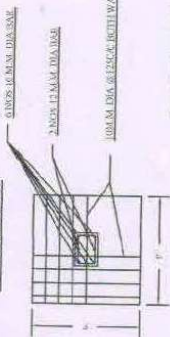


LAYOUT OF COCOON BANK

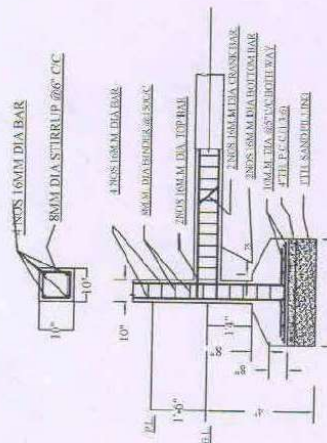




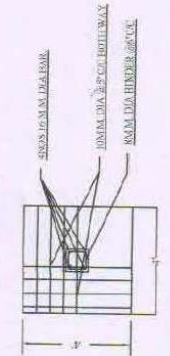
FOUNDATION - C



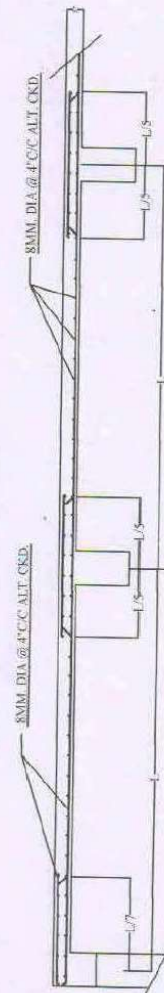
FOUNDATION - C1



FOUNDATION - C1



FOUNDATION DETAILS



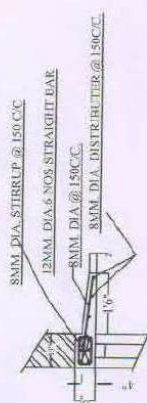
SLAB DETAILS

NOTES & SPECIFICATION

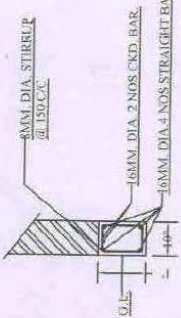
- ALL P.C.C. WORKS ARE WITH (1:3:6) PROP.
- ALL R.C.C. WORKS ARE WITH NOMINAL MIX. M20
- ALL 10\"/>

NOTES

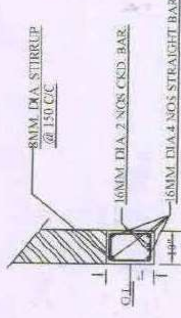
- LAND STATUS - MOORUM. BEARING CAPACITY - 8 T/SQ.MT.
- ALL COVER FOR R.C.C WORK IS - 25TH.
- ALL DOORS & WINDOWS (D/W) ARE STEEL.
- PROPOSED COVERED AREA - 98.65 SQ.MT.



LINTEL & CHAJJA AT OPENING



GROUND TIE AT SUPPORT



GROUND TIE AT MID SPAN

TASSAR COCOON GODOWN

DRAWN BY **Kingsuk Malik** VERIFIED
 CIVIL ENGINEER (P)
 Regd. No. 921 (191-1) 687
 SIDA - PHATEESAM-72 (14)
 Mob. - 9826924241

2501-00252

PART-I (TECHNICAL BID)

Date:

From,

Name:

Address:

Ph:

Fax:

E-mail:

To,

The CEO,

Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTDCD Trust)

Sub: Tender for construction of Common Facility Center, Cocoon Bank & Boundary Wall of JUNGAL MAHAL TASAR CLUSTER onturnkey basis

Ref: Your Tender Notice **PRADAN/ SFURTI /CIV/01-2022**

Sir,

With reference to your tender notice, we submit herewith our sealed Tender for construction of Common Facility Centre, Cocoon Bank & Boundary Wall for M/S. **JUNGAL MAHAL TASAR CLUSTER**, as specified by IA in this tender document.

We enclose the following documents:

- 1) Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions.
- 2) Demand Draft no. for _____, in favor of "**Jungal Mahal Mahila Tasar Chasir Dal Community Trust- SFURTI**", towards Earnest Money Deposit.
- 3) Authorization letter from the Company for the person to sign the tender.

- 4) Details of the Tenderer (as per Annexure-III)
- 5) Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV).
- 6) List of Building construction works executed in last 3 years (as per Annexure-V)
- 7) Declaration for not having blacklisted by any other Govt. agencies (as per Annexure-VI).
- 8) Declaration for not having tampered the Tender documents downloaded from the websites www.tdf.org.in/ (Annexure-VII).
- 9) Declaration for BID SECURITY (as per Annexure-VIII)
- 10) The copy of certificate of incorporation/registration (If applicable)
- 11) Copy of Registered Partnership deed, in case of Partnership Firm (If applicable)
- 12) Copy of Memorandum and Articles of Association (If applicable)
- 13) Copy of Udyog Aadhaar, GST Registration Certificate & PAN Card
- 14) Credentials of Building Construction works of the minimum value of Rs.100 Lakhs put to tender during 3 (three) years prior to the date of issue of this tender notice.
- 15) Valid Registration Certificate from PWD as Class I Contractor or from Highways department
- 16) Work Orders issued by the clients.
- 17) Performance certificate issued by the clients.
- 18) The Annual Report / certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years FY,2019-20, 2020-21,2021-22.
- 19) Latest I.T return.
- 20) Notarized translated English version of the documents in a language other than English.

Yours faithfully,

**SIGNATURE OF THE
TENDERER**

Encl: As stated above

ANNEXURE-III**DETAILS OF THE TENDERER**

1. Name of the Tenderer	
2. Registered Office Address	Telephone No: Fax: Email: Website:
3. Contact Person	Name: Designation: Phone: Mobile: Email:
4. Legal Status	Proprietorship/Partnership/Pvt. Limited/ Public Limited/Others (Pl. Mention)
5. Date Of Incorporation	
6. Eligible License Holder	
Brief Profile of The Tenderer	
Number of Staffs on Regular Payroll	Technical: Administration:
Pan Number	
GST Registration Number	

SIGNATURE OF THE TENDERER**(with seal and address)**

ANNUAL TURNOVER STATEMENT

The Annual turnover of M/s-----for the past three years are given below and certified that the statement is true and correct.

SL.NO	YEAR	TURNOVER (Rs. IN LAKHS)
1	2019- 2020	
2	2020- 2021	
3	2021- 2022	
TOTAL		
AVERAGE ANNUAL TURNOVER (FOR LATEST 3 YEARS)		

DATE:**SIGNATURE OF THE TENDERER:****SIGNATURE OF CHARTERED ACCOUNTANT:****(with seal and Address)**

ANNEXURE-V

LIST OF CLIENTS FOR WHOM CIVIL CONSTRUCTION WORKS UNDERTAKEN IN THE PAST 3 YEARS

(Please provide the details for each project in separate sheet along with workOrder/completion certificate from client)

Sl.No	Name And Address of the Client	Details of Work	Extent/Area Covered in Sqft.	Year of Completion	Cost (Rs. In Lakhs)	Work Order and Completion Certificate Enclosed (YES/NO)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

SIGNATURE OF THE TENDERER

(with seal and address)

CERTIFICATE

Date:

Certified that M/s..... / the firm /company or its partners /shareholders had not been blacklisted by any Government Agencies.

SIGNATURE OF THE TENDERER

(With seal and address)

DECLARATION FORM

Date:.....

I/We-----having our office at-----do declare that I/We have carefully read all the conditions of tender floated vide tender ref.no. **PRADAN/ SFURTI /CIV/01-2022** the construction of Common Facility Centre for **JUNGAL MAHAL TASAR CLUSTER** and will complete the contract as per the tender conditions.

I/We have downloaded the tender document from the internet site www.tdf.org.in and I /We have not tampered / modified the tender document in any manner. In case, if the same is found to be tampered /modified, I/ We understand that my/our tender will be summarily rejected, and full Earnest Money Deposit will be forfeited, and I /We am/are liable to be banned from doing business with **JMMTCDC Trust/PRADAN** or prosecuted.

SIGNATURE OF THE TENDERER
(with seal and address)

BID SECURITY DECLARATION FORM

Date:

To,

The CEO,

Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)

Village-Shyamnagar, P.O-Borsole, Panchayat- Bhulaveda, Block- Binpur-II,

District- Jhargram, West Bengal -721501

Tender No. **PRADAN/ SFURTI /CIV/01-2022**

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be blacklisted from bidding for any contract for a maximum period of 3 years from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We have withdrawn / modified / amended or failure to sign the agreement or to remit the Security Deposit or to execute the contract as per tender conditions, during the period of bid validity specified in the tender document.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

SIGNATURE OF THE TENDERER

(With seal and address)

PART-II (FINANCIAL BID)

Date:

From,

Name:

Address:

Ph:

Fax:

E-mail:

To,

The CEO,

Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)
Village-Shyamnagar, P.O-Borsole, Panchayat- Bhulaveda, Block- Binpur-II,
District- Jhargram, West Bengal -721501

Sub: Tender for the construction of Common Facility Centre, Cocoon bank & Boundary wall for **JUNGAL MAHAL TASAR CLUSTER**-Submission of Part II –Financial Bids

Sir,

Ref: - Our tender (Technical Bid) submitted for the "Construction of Common Facility Centre, Cocoon Bank & Boundary Wall for M/s.Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)".

In continuation of our above tender, we submit herewith the price offer for the "Construction of Common Facility Centre, Cocoon Bank & Boundary Wall for M/s. Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTCDC Trust)" as specified by IA in this tender document.

We agree to abide by the terms and conditions stipulated by the IA and also agree to complete the entire contract, at the rates quoted by us. The rate quoted and approved by the IA in this tender will hold good as per IA tender conditions.

Yours faithfully,

SIGNATURE OF THE TENDERER

ANNEXURE-X**(FINANCIAL BID)**

DESCRIPTION	BASIC AMOUNT	SGST	CGST	IGST	TOTAL PRICE (INCLUSIVE OF TAXES)
Construction of Common Facility Centre, Cocoon bank & Boundary wall for JUNGAL MAHAL TASAR CLUSTER as per drawing and BoQ of Package I given in Annexure I					
GRAND TOTAL					

Amount in Words: Rupees.....only

Note:

- a) The Bidder shall quote the Lump sum costs in the above given format.
- b) The lump sum offer shall provide for all superintendence, labor, technical assistance, material, plant, equipment, and all other things required for executing and completing all the works as per defined Scope of Work.
- c) Price quoted will be inclusive of freight/transportation, taxes, charges, duty, transit insurance including all seen and unseen expenses

**SIGNATURE OF THE
TENDERER**

(with seal and address)

ANNEXURE-XI

CHECKLIST OF DOCUMENTS TO BE ENCLOSED IN PART-I

SL.NO	DESCRIPTION	ENCLOSE D (YES/NO)	REFERENCE INTHE BID (PG.NO.)
1	A covering letter on your letterhead addressed to the CEO, Jungal Mahal Mahila Tasar Chasir Dal Community Trust (JMMTDCD Trust) (as per Annexure-II)		
2	Tender conditions duly signed in each page and enclosed in token of accepting the Tender conditions.		
3	Demand Draft No _____ for _____ In favour of " Jungal Mahal Mahila Tasar Chasir Dal Community Trust- SFURTI ", payable towards Earnest Money Deposit.		
4	Authorization letter from the Company for the person to sign the tender		
5	Details of the Tenderer (as per Annexure-III)		
6	Average annual turnover statement duly certified by a Chartered Accountant (as per Annexure-IV)		
7	List of Building construction works executed in last 3 years (as per Annexure-V)		
8	Declaration for not having blacklisted by any other Govt. agencies (as per Annexure- VI) (NOTARIZED INSTAMP PAPER)		
9	Declaration for not having tampered the Tender documents downloaded from the websites www.tdf.org.in (As per Annexure-VII).		

10	Declaration for BID SECURITY (as per Annexure-VIII)		
11	The copy of certificate of incorporation/registration		
12	Copy of Registered Partnership deed, in case of Partnership Firm		
13	Copy of Memorandum and Articles of Association		
14	Copy of Udyog Aadhaar, GST Registration Certificate & PAN Card		
15	Valid Registration Certificate from PWD / CPWD / Highways department		
16	Licensed Registered Civil Engineers/ Contractors of B Class or above		
17	Credentials of Building Construction works of the minimum value of 100 lakh put to tender during 3 (three) years prior to the date of issue of this tender notice.		
18	Work Orders issued by the clients		
19	Performance certificate issued by the clients		
20	The Annual Report / certified copies of Balance Sheet, Profit & Loss statement along with schedules for the last 3 consecutive financial years FY- 2019-20, 2020-21 and 2021-22		
21	Latest I.T return		
22	Notarized translated English version of the documents in a language other than English		

DOCUMENTS TO BE ENCLOSED IN PART-II

SL.NO	DESCRIPTION	ENCLOSED (YES /NO)
1	A covering letter on your letter head addressed to the CEO, Jungal Mahal Mahila Tasar Chasir Dal Community Trust (as per Annexure-IX)	
2	Financial Bid (as per Annexure- X) of the Tenderdocument	

Both "**Part I – Technical bid**" cover and "**Part II – Financial bid**" cover must be placed in a separate sealed cover superscripted as "**Tender for the construction of Common Facility Centre, Coccon Bank & Boundary Wall for JUNGAL MAHAL TASAR CLUSTER**" and addressed to "**Jungal Mahal Mahila Tasar Chasir Dal Community Trust**", containing the name and address of the Tenderer.

NOTE: TENDERS SUBMITTED IN UNSEALED COVER WOULD SUMMARILY BE REJECTED

ABSTRACT FILE OF COMMON FACILITY CENTRE

Page 1 of 4

COMMON FACILITY CENTER

SI No	Description of Item	Quantity	Unit
Page No: 1, Item No: 2(a)			
1	Earth work in excavation in foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75m as directed. The items included necessary trimming the sides of trenches, levelling, dressing and removing the bottom, bailing out water as required complete. (Depth of excavation not exceeding 1500mm)		
	Collum 12 X 5' 0" X 5' 0" X 5' 0" =	1500.00	Cuft
	Collum 10 X 4' 1" X 4' 0" X 4' 0" =	653.33	Cuft
	tie 1 X 258' 4" X 0' 10" X 1' 0" =	215.28	Cuft
	verandah 1 X 39' 5" X 0' 10" X 1' 0" =	33.19	Cuft
	Step 1 X 9' 2" X 2' 0" X 0' 6" =	9.17	Cuft
		2410.97	Cuft
		68.23	M3
Page No: 47, Item No: 3			
2	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.		
	Collum 12 X 5' 0" X 5' 0" =	300.00	Sqft
	Collum 10 X 4' 0" X 4' 0" =	160.00	Sqft
	tie 1 X 258' 4" X 2' 0" =	516.67	Sqft
	verandah 1 X 39' 5" X 2' 0" =	78.83	Sqft
	Step 1 X 9' 2" X 2' 6" =	22.92	Sqft
		1078.42	Sqft
		100.19	M2
Page No: 1, Item No: 3(a)			
3	Earth work in filling in foundation trenches or pirth with good earth, in layers not exceeding 150mm including watering and ramming etc. layer by layer complete(with earth obtained from excavation of foundation)		
	foundation 1/5 th of excavation = 0.2 X 68.23 =	13.65	Cum
		13.65	M3
Page No: 24, Item No: 4(a)			
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement,if any, in ground floor as per relevant IS codes.a) Pakur Variety		
	Collum 12 X 5' 0" X 5' 0" X 0' 6" =	150.00	Cuft
	Collum 10 X 4' 0" X 4' 0" X 0' 6" =	80.00	Cuft
	verandah 1 X 39' 5" X 2' 0" X 0' 5" =	32.85	Cuft
	Step 1 X 4' 0" X 2' 6" X 0' 5" =	4.17	Cuft
		267.02	Cuft
		7.56	M3
Page No: 43, Item No: 37			
5	Hire and labour charges for shuttering with centering and necessary staggng upto 4m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintel curved or straight including fitting, fixing and striking out after completion of work.(upto roof of G floor)		
	Collum 12 X 4' 2" X 10' 6" =	525.00	Sqft
	12 X 20' 0" X 0' 6" =	120.00	Sqft
	Collum 10 X 3' 4" X 10' 6" =	350.00	Sqft
	10 X 16' 0" X 0' 6" =	80.00	Sqft
	roof 1 X 52' 2" X 28' 5" =	1482.40	Sqft
	roof 1 X 12' 3" X 10' 5" =	127.60	Sqft
	beam 2 X 233' 4" X 0' 10" =	388.89	Sqft
	6 X 25' 0" X 2' 0" =	300.00	Sqft
	TIE 2 X 258' 4" X 1' 6" =	775.00	Sqft
	TIE 2 X 39' 5" X 1' 0" =	78.83	Sqft
	lintel 2 X 233' 4" X 0' 6" =	233.33	Sqft
	chajja 6 X 6' 0" X 1' 6" =	54.00	Sqft
	chajja 4 X 5' 0" X 1' 6" =	30.00	Sqft
	chajja 2 X 3' 0" X 1' 6" =	9.00	Sqft
	Opening (w1) 8 X 5' 0" X 0' 10" =	33.33	Sqft
	Opening (w2) 4 X 4' 0" X 0' 10" =	13.33	Sqft
	Opening (D1) 1 X 4' 0" X 0' 10" =	3.33	Sqft
	Opening (D2) 3 X 3' 6" X 0' 10" =	8.75	Sqft

Page 1 of 4


Kingsuk Malik
 CIVIL ENGR (REGDIP)
 Regn. No 87/1987-1988
 S/D.A. JRAK GATEWAY-721515
 Mob.-983240247

4612.79 Sqft
428.53 Sqm 428.53 M2

Page No: 26, Item No: 10(i)

- 6 Ordinary cement concrete(Mix 1:1.5:3) M20 with graded stone chips 20mm down excluding shuttering and reinforcement if any in G. floor.

Collum	12 X	5' 0" X	5' 0" X	0' 8" =	200.00 Cuft	
	12 X	3' 2" X	3' 1.5" X	0' 8" =	78.13 Cuft	
	12 X	1' 3" X	0' 10" X	10' 8" =	128.89 Cuft	
Collum	10 X	4' 0" X	4' 0" X	0' 8" =	106.67 Cuft	
	10 X	4' 0" X	4' 0" X	0' 8" =	106.67 Cuft	
	10 X	0' 10" X	0' 10" X	10' 6" =	72.92 Cuft	
tie	1 X	258' 4" X	0' 10" X	1' 3" =	269.10 Cuft	
Lintel	1 X	272' 10" X	0' 10" X	0' 6" =	113.68 Cuft	
roof	1 X	52' 2" X	28' 0" X	0' 5" =	608.61 Cuft	
roof	1 X	12' 3" X	10' 4" X	0' 5" =	52.74 Cuft	
chajja	6 X	1' 6" X	5' 0" X	0' 4" =	15.00 Cuft	
	4 X	1' 6" X	4' 0" X	0' 4" =	8.00 Cuft	
	2 X	1' 6" X	3' 0" X	0' 4" =	3.00 Cuft	
wall beam	1 X	272' 10" X	0' 10" X	1' 0" =	227.36 Cuft	
main "T"	4 X	25' 0" X	2' 0" X	0' 10" =	166.67 Cuft	
T Beam	1	50' 0" X	1' 0" X	0' 10" =	41.67 Cuft	
					2199.11 Cuft	
					62.23 Cum	62.23 M3

Page No: 44, Item No: 40(a)(ii)

- 7 Reinforcement for reinforcement concrete work in all sorts of structure including distribution bars, stirrups, binders etc. including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. I. SAIL/ TATA/RINL

1.7% of R.C.C 62.23 x 1.7 / 100 X 7.85 = 8.3 MT 8.3 MT

Page No: 15, Item No: 8(a)

- 8 Brick work with 1st class bricks in cement mortar (1:6)(a) In foundation and plinth

wall	1 X	181' 8" X	0' 10" X	2' 0" =	302.78 Cuft	
verandah	1 X	59' 8" X	0' 10" X	1' 6" =	74.58 Cuft	
Step	1 X	4' 0" X	2' 6" X	0' 6" =	5.00 Cuft	
					382.36 Cuft	
					10.82 Cum	10.82 M3

Page No: 15, Item No: 8(b)

- 9 Brick work with 1st class bricks in cement mortar (1:6)(b) In superstructure, ground floor

wall	1 X	272' 10" X	0' 10" X	8' 8" =	1970.46 Cuft	
	1 X	233' 0" X	1' 0" X	1' 0" =	233.00 Cuft	
Step	1 X	4' 0" X	0' 10" X	9' 2" =	30.56 Cuft	
					2234.02 Cuft	
					63.22 Cum	63.22 M3

Page No: 189, Item No: 1(ii)c

- 10 Plaster (to wall, floor ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints or roughening of concrete surface, including throating nosing and drip course where necessary (in G. floor)

a) Plaster with (4:1) cement mortar 10mm th. (concrete surface)

Room	1 X	39' 2" X	25' 0" =	979.17 Sqft	
	1 X	10' 0" X	4' 6" =	45.00 Sqft	
	1 X	9' 0" X	10' 0" =	90.00 Sqft	
	1 X	9' 10" X	10' 0" =	98.33 Sqft	
	1 X	9' 0" X	9' 7" =	86.25 Sqft	
beam	3 X	2' 10" X	25' 0" =	212.50 Sqft	
				1511.25 Sqft	
				140.40 Sqm	140.40 M2

Page No: 189, Item No: 1(i)c

- b) Plaster with (6:1) cement mortar 15mm th. (in side of Building)

inside	2 X	39' 2" X	10' 0" =	783.33 Sqft	
	2 X	25' 0" X	10' 0" =	500.00 Sqft	
	2 X	14' 6" X	10' 0" =	290.00 Sqft	
	2 X	19' 0" X	10' 0" =	380.00 Sqft	
	2 X	19' 10" X	10' 0" =	396.67 Sqft	

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SILDA, JIANGPARI-721516
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	2 X 18' 7" X 10' 0"	=	371.67 Sqft	
outside	2 X 79' 5" X 12' 6"	=	1985.42 Sqft	
	1 X 32' 6" X 12' 6"	=	406.25 Sqft	
cobla	20 X 12' 6" X 0' 6"	=	125.00 Sqft	
Office	1 X 13' 8" X 12' 6"	=	170.83 Sqft	
	2 X 11' 0" X 12' 6"	=	291.67 Sqft	
paraprt	1 X 181' 8" X 2' 10"	=	514.72 Sqft	
		+	5700.84 Sqft	
				Deduction
(D1)	1 X 4' 0" X 7' 0" X 1 ÷ 3	=	9.33 Sqft	
(D2)	3 X 3' 6" X 7' 0" X 1 ÷ 3	=	24.50 Sqft	
(D3)	1 X 2' 6" X 7' 0" X 1 ÷ 3	=	5.83 Sqft	
(W1)	8 X 5' 0" X 4' 0" X 1 ÷ 3	=	53.33 Sqft	
(W2)	4 X 4' 0" X 4' 0" X 1 ÷ 3	=	21.33 Sqft	
		-	9.33 Sqft	
			5691.51 Sqft	
			528.74 Sqm	

528.74 M2

Page No: 192, Item No: 15

11 Neat cement punning about 1.5mm thick in wall dado, window sills, floor, drains etc.

	1 X 64' 2" X 2' 0"	=	128.33 Sqft	
	1 X 19' 0" X 2' 0"	=	38.00 Sqft	
	1 X 19' 10" X 2' 0"	=	39.67 Sqft	
	1 X 18' 7" X 2' 0"	=	37.17 Sqft	
	1 X 7' 0" X 4' 2"	=	29.17 Sqft	
	1 X 177' 2" X 3' 0"	=	531.50 Sqft	
			803.84 Sqft	
			74.68 Sqm	

74.68 M2

Page No: 48, Item No: 6

12 Artificial stone in floor, Dado, staircase etc with cement concrete (4:2:1) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in position (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works using cement @ 1.75 kg/sqmt all complete including all materials and labour in ground floor (25 mm thick)

room	1 X 39' 2" X 25' 0"	=	979.17 Sqft	
room	1 X 10' 0" X 9' 0"	=	90.00 Sqft	
room	1 X 9' 10" X 10' 0"	=	98.33 Sqft	
room	1 X 9' 0" X 9' 7"	=	86.25 Sqft	
Bathroom	1 X 10' 0" X 4' 6"	=	45.00 Sqft	
verandah	1 X 20' 7" X 0' 10"	=	290.00 Sqft	
			1589.65 Sqft	
			147.68 Sqm	

147.68 M2

Page No: 107, Item No: 20

13 Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing.

Door	2 X 4' 0" X 7' 0"	=	56.00 Sqft	
Window	1 X 4' 0" X 4' 0"	=	16.00 Sqft	
			72.00 Sqft	
			6.69 Sqm	

6.69 M2

Page No: 77, Item No: 13

14 Supplying fitting fixing window and ventilator with or with out integrated grills conforming to IS 1038-1975 and manufactured from rolled steel section conforming to IS 7452-1974 with non friction projection typeall complete.

Window	8 X 5' 0" X 4' 0"	=	160.00 Sqft	
Window	4 X 4' 0" X 4' 0"	=	64.00 Sqft	
Window	2 X 2' 0" X 1' 6"	=	6.00 Sqft	
Door	1 X 4' 0" X 7' 0"	=	28.00 Sqft	
Door	3 X 3' 6" X 7' 0"	=	73.60 Sqft	
Door	1 X 2' 6" X 7' 0"	=	17.50 Sqft	
			349.00 Sqft	
			32.42 Sqm	

32.42 M2

Page No: 315, Item No: 1

Handwritten Signature
Ring Suk Meelik
 CIVIL ENGINEER (DIP.)
 Regd. No. 921 (197-1980)
 SILVIA, JALAN GEMILANG 12, 1516
 Mob: 9932560247

15 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1968 & IS: 1996 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. l) For structural embers of specified sections weighing less than 22.5 Ku./m L.S.

=	4.00 Quintal	
	4.00 Quintal	
	5.00 Quintal	0.40 MT

Page No: 315, Item No:9

16 Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm. dia J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor) b) With 0.63 mm thick sheet

Window	1 X 30' 0" X 11' 0"	=	330.00 Sqft	
			330.00 Sqft	
			30.66 Sqm	30.66 M2

Page No:194, Item No: 1(b)

17 White washing including cleaning and smoothening surface throughly (five part of stone lime and one part of shell lime should be used in the finish. (3 coats on new work only)

Intirior wall	7212.09	=	7212.09 Sqft	
			670 Sqm	670.00 M2

Page No: 200 Item No: 2(A)iii

18 Painting with best quality synthwic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface of necessary.

steel surface			6.69 Sqm	6.69 M2
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Page No: 455, Item No: 22 (b)

19 Supplying fitting approved type ventilator in position after cutting holes in walls, setting in cement mortar mending damages to wall and plaster and two coats of paint of approved brand and shade. (R.C.C ventilator of 20mm thick).

Upto 10sqm	15 X 2	=	30 Nos.	
			30 Nos.	30 each

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ABSTRACT FILE OF BOUNDARY WALL OF COMMON FACILITY CENTRE

COMMON FACILITY CENTER

Length of boundary wall 340'-0"

Sl. No.	Description of Items	No.	Length	Breath	Height	Quantity	Total Quantity	Unit
(P-1; 2)	Earthwork in excavation of foundation trenches or in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing spreading or Stacking the soil with in a lead of 75m as directed. The item include necessary trimming the sides							
	Column 0.6mx0.6m	44	1.00	1.00	1.20	52.80		
	Tie beam	1	102.00	0.30	0.30	9.18		
							61.98	Cu.M
(P-1; 3(a))	Earth work in filling in foundation on plinth in layers not exceeding 15 cm as directed and consolidating by through saturation with water and ramming complete, (payment to be made of measurement of finished quantity).							
	(a) with earth obtain from excavation of foundation							
	1/5 of the excavation quantity	0.2	61.98				12.40	Cu.M
(P-2; 14/b)	Filling in foundation or plinth by silver sand in layers not exceeding 150mm. As directed and consolidating same by through saturation with water ramming complete, including the cost of supply of sand.							
	Column	44	1.00	1.00	0.15	6.60		
							6.60	Cu.M
(P-25; 111/a)	Cement concrete (4: 2: 1) with local graded stone metal of approved quality (32 mm down) excluding shuttering up to the root of G.F							
	Column	44	1.00	1.00	0.1	4.40		
							4.40	Cu.M
(P-14; 29)	Nominal mix M 20 grade cement concrete with graded stone chips (20 mm size) excluding shuttering and reinforcement if any in ground floor. (d) with local hard black stone chips (crusher broken)							
	Column Footing	44	1.00	1.00	0.15	6.60		
	Column	44	0.70	0.70	0.15	3.23		
	Column	44	0.25	0.25	1.80	4.95		
	RCC Caping	1	102.00	0.40	0.15	6.12		
	Tie Beam	1	102.00	0.25	0.25	6.38		
							27.28	Cu.M
7	1st Class brick work in Cement mortar (6:1) in foundation & Plinth.							
	A) Up to P.L. Bottom of tie	1	102.00	0.25	0.30	7.65		
							7.65	Cu.M

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 Mob:- 9932850247

Sl. No.	Description of Items	No.	Length	Breadth	Height	Quantity	Total Quantity	Unit
(P-31):- 7/iv)	12.5 cm. Thick 1 st class brick work in cement mortar (4:1) in ground floor.							
	wall	1	102.00	1.500			153.00	Sq.M
(P-26):- 12/F)	Hire & labour charges for shuttering with centering & necessary staging up to 4m using approved stout props & thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintels, curved or straight including fitting, fixing striking out after completion of works. (up to roof of ground floor) (When the height of a particular floor is more than 4m the equivalent floor ht shall be taken as 4m & extra for work beyond the initial 4m ht shall be allowed under 12e for every 4m or part the roof)							
	Side of Column	44	4.00	0.15		26.40		
	Side of Column	44	1.00	2.75		121.00		
	Tie Beam	2	102.00	0.25		51.00		
		2	102.00	0.25		51.00		
							249.40	Sq.M
(P-27):- 15/a)	M.S. reinforcement for reinforced concrete work in all sorts of structures including distribution bars stirrups, binders etc including supply of rods, initial straightening & removal of loose rust (if necessary) cutting to requisite length, hooking & bending to correct shape, placing to proper position & binding with 16 gauge black annealed wire at every inter section complete as per drawing & direction a) For work in foundation, basement & up to ground floor / up to 4m							
	@ 1.0% of the total concrete volume					2.141	2.141	MT
(P-15):- 3/c)	Plaster (to wall, floor, ceiling etc) with sand & cement mortar including rounding off or chamfering corners as directed & raking out joints or roughening of concrete surface including throating nosing & drip course where necessary (ground floor)							
	C) 20mm. th. out side plaster (6:1) with 10% extra							
			2.0	102.00	1.65	336.60		
							336.6	Sq.M

Kingsuk Malik
 23.10.21
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 Regn. No. 92 / 1997-1999
 SILD, JHARAGRAH-721515
 Mob. 992280747

Sl. No.	Description of Items	No.	Length	Breadth	Height	Quantity	Total Quantity	Unit
(P-162;1-7/b)	applying decorative cement base paint of approved quality after preparing the surface including seraping the surface throughly quantity same.							
	As per item of plastering						427.5	Sq.M
(P-162;1-7/b)	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand papering etc. including using of approved putty etc. on surface if necessary.							
	A) On steel or metal surface with multipysi from two side. Grill 2.00 X 3.00 = 6.00 Sq.m.	1	2	2	1.5	6.00	6.00	Sq.M
(P-162;1-8/b/iv)	Priming one coat on steel or metal surface with synthatic enamel oil bound primer of approved quality including smoothing surface by sand papering.							
	Grill - 2.00 X 3.00 = 6.00 Sq.m.	1	2.00	2.00	1.50	6.00		
							6.00	Sq.M
(P-77;1-13)	M.S. Gate Jail type as per approved desing Of Engineer -in - Charge.							Qtl.
							1.60	Qtl.

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22-10-24
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ABSTRACT FILE OF COCOON BANK/ GODOWN

Page 1 of 4

TASSAR COCOON GODOWN

SI No	Description of Item	Quantity	Unit
Page No: 1, Item No: 2(a)			
1	Earth work in excavation in foundation trenches or drains in all sorts of soil (including mixed soil but excluding laterite or sand stone) including removing spreading or stacking the spoils within a lead of 75m as directed. The items included necessary trimming the sides of trenches, levelling, dressing and removing the bottom, bailing out water as required complete. (Depth of excavation not exceeding 1500mm)		
	Collum 10 X 5' 0" X 5' 0" X 5' 0" =	1250.00	Cuft
	Collum 6 X 4' 1" X 4' 0" X 4' 0" =	392.00	Cuft
	tie 1 X 268' 4" X 0' 10" X 1' 0" =	223.61	Cuft
	verandah 1 X 68' 8" X 0' 10" X 1' 0" =	57.22	Cuft
	Step 1 X 29' 9" X 2' 0" X 0' 6" =	29.75	Cuft
		1952.58	Cuft
		55.26	Cum
		55.26	M3
Page No: 47, Item No: 3			
2	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.		
	Collum 10 X 5' 0" X 5' 0" =	250.00	Sqft
	Collum 6 X 4' 0" X 4' 0" =	96.00	Sqft
	tie 1 X 268' 4" X 2' 0" =	539.67	Sqft
	verandah 1 X 68' 8" X 2' 0" =	137.33	Sqft
	Step 1 X 29' 9" X 2' 6" =	74.38	Sqft
		1094.38	Sqft
		101.67	Sqm
		101.67	M2
Page No: 1, Item No: 3(a)			
3	Earth work in filling in foundation trenches or pith with good earth, in layers not exceeding 150mm including watering and ramming etc. layer by layer complete(with earth obtained from excavation of foundation)		
	foundation 1/5 th of excavation = 0.2 X 55.26 =	11.05	Cum
		11.05	M3
Page No: 24, Item No: 4(a)			
4	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.a) Pakur Variety		
	Collum 10 X 5' 0" X 5' 0" X 0' 6" =	125.00	Cuft
	Collum 6 X 4' 0" X 4' 0" X 0' 6" =	48.00	Cuft
	verandah 1 X 68' 8" X 2' 0" X 0' 5" =	57.22	Cuft
	Step 1 X 29' 9" X 2' 6" X 0' 5" =	30.99	Cuft
		261.21	Cuft
		7.39	Cum
		7.39	M3
Page No: 43, Item No: 37			
5	Hire and labour charges for shuttering with centering and necessary staging upto 4m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams, columns, lintel curved or straight including fitting, fixing and striking out after completion of work.(upto roof of G floor)		
	Collum 10 X 4' 2" X 10' 6" =	437.50	Sqft
	Collum 10 X 20' 0" X 0' 6" =	100.00	Sqft
	Collum 6 X 3' 4" X 10' 6" =	210.00	Sqft
	Collum 6 X 16' 0" X 0' 6" =	48.00	Sqft
	roof 1 X 16' 4" X 13' 9" =	224.58	Sqft
	beam 2 X 268' 4" X 0' 10" =	447.22	Sqft
	2 X 68' 8" X 0' 10" =	114.44	Sqft
	TIE 2 X 268' 4" X 1' 6" =	805.00	Sqft
	TIE 2 X 68' 8" X 1' 0" =	137.33	Sqft
	lintel 2 X 241' 1" X 0' 6" =	241.08	Sqft
	chajja 8 X 6' 0" X 1' 6" =	72.00	Sqft
	chajja 7 X 4' 0" X 1' 6" =	42.00	Sqft
	chajja 2 X 4' 6" X 1' 6" =	13.50	Sqft
	Opening (w1) 8 X 5' 0" X 0' 10" =	33.33	Sqft
	Opening (w2) 7 X 3' 0" X 0' 10" =	17.50	Sqft

Page 1 of 4


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 S.L.D.A. JALPAIGRAH-721115
 Mob: 9832450247

Opening (D1)	2 X	4' 0" X 0' 10"	=	6.67 Sqft	
Opening (D2)	2 X	3' 6" X 0' 10"	=	5.83 Sqft	
				2955.98 Sqft	
				274.61 Sqm	274.61 M2

Page No: 26, Item No: 10(i)

- 6 Ordinary cement concrete(Mix 1:1.5:3) M20 with graded stone chips 20mm down excluding shuttering and reinforcement if any in G. floor.

Collum	10 X	5' 0" X 5' 0" X 0' 8"	=	166.67 Cuft	
	10 X	3' 2" X 3' 1.5" X 0' 8"	=	65.10 Cuft	
	10 X	1' 3" X 0' 10" X 10' 8"	=	107.41 Cuft	
Collum	6 X	4' 0" X 4' 0" X 0' 8"	=	64.00 Cuft	
	6 X	4' 0" X 4' 0" X 0' 8"	=	64.00 Cuft	
	6 X	0' 10" X 0' 10" X 10' 6"	=	43.75 Cuft	
tie	1 X	268' 6" X 0' 10" X 1' 3"	=	279.69 Cuft	
Lintel	1 X	241' 1" X 0' 10" X 0' 6"	=	100.45 Cuft	
roof	1 X	16' 4" X 13' 9" X 0' 5"	=	93.58 Cuft	
chajja	8 X	1' 6" X 8' 0" X 0' 4"	=	24.00 Cuft	
	7 X	1' 6" X 4' 0" X 0' 4"	=	14.00 Cuft	
	2 X	1' 6" X 4' 6" X 0' 4"	=	4.50 Cuft	
wall beam	1 X	45' 0" X 0' 10" X 1' 0"	=	37.50 Cuft	
				1064.65 Cuft	
				30.13 Cum	30.13 M3

Page No: 44, Item No: 40(a)(ii)

- 7 Reinforcement for reinforcement concrete work in all sorts of structure including distribution bars, stirrups, binders etc. Including supply of rods, initial straightening and removal of loose rust (if necessary) cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. I. SAIL/ TATA/RINL

1.7% of R.C.C	30.13 x 1.7 / 100 X	7.85	=	4.02 MT	
					4.02 MT

Page No: 15, Item No: 8(a)

- 8 Brick work with 1st class bricks in cement mortar (1:6)(a) In foundation and plinth

wall	1 X	181' 8" X 0' 10" X 2' 0"	=	302.78 Cuft	
verandah	1 X	59' 8" X 0' 10" X 1' 6"	=	74.58 Cuft	
Step	1 X	4' 0" X 2' 6" X 0' 6"	=	5.00 Cuft	
				382.36 Cuft	
				10.82 Cum	10.82 M3

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- 9 Brick work with 1st class bricks in cement mortar (1:6)(b) In superstructure, ground floor

wall	1 X	144' 10" X 0' 10" X 13' 6"	=	1629.38 Cuft	
	1 X	76' 0" X 0' 10" X 10' 0"	=	633.33 Cuft	
Step	1 X	4' 0" X 0' 10" X 9' 2"	=	30.56 Cuft	
				2293.27 Cuft	
				64.9 Cum	64.9 M3

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- 10 Plaster (to wall, floor ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and racking out joints or roughening of concrete surface, including throating nosing and drip course where necessary (in G. floor)

a) Plaster with (4:1) cement mortar 10mm th. (concrete surface)

Room	1 X	15' 0" X 12' 1"	=	181.25 Sqft	
beam	3 X	2' 10" X 25' 0"	=	212.50 Sqft	
				393.75 Sqft	
				36.58 Sqm	36.58 M2

Page No: 189, Item No: 1(i)c**b) Plaster with (6:1) cement mortar 15mm th. (in side of Building)**

inside	2 X	75' 0" X 13' 0"	=	1950.00 Sqft	
	2 X	27' 0" X 10' 0"	=	540.00 Sqft	
	2 X	22' 0" X 10' 0"	=	440.00 Sqft	
outside	2 X	70' 0" X 12' 6"	=	1750.00 Sqft	
	2 X	52' 0" X 3' 0"	=	312.00 Sqft	
	2 X	27' 0" X 12' 6"	=	675.00 Sqft	
	2 X	17' 0" X 12' 6"	=	425.00 Sqft	

	2 X 14' 0" X 12' 6"	=	350.00 Sqft	
	1 X 38' 3" X 12' 6"	=	478.13 Sqft	
cobla	20 X 15' 6" X 0' 6"	=	155.00 Sqft	
Office	1 X 13' 8" X 12' 6"	=	170.83 Sqft	
	2 X 11' 8" X 12' 6"	=	291.67 Sqft	
parapit	1 X 181' 8" X 2' 10"	=	514.72 Sqft	
				Deduction
				+ 7537.63 Sqft
(D1)	2 X 4' 0" X 7' 0" X 1 ÷ 3	=	18.67 Sqft	
(D2)	2 X 3' 6" X 7' 0" X 1 ÷ 3	=	16.33 Sqft	
(W1)	7 X 5' 0" X 4' 0" X 1 ÷ 3	=	46.67 Sqft	
(W2)	7 X 3' 0" X 4' 0" X 1 ÷ 3	=	28.00 Sqft	
			18.67 Sqft	
			7518.96 Sqft	
			698.61 Sqm	

698.61 M2

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- 11 Neat cement punning about 1.5mm thick in wall dado, window sills, floor, drains etc.

	1 X 75' 0" X 2' 0"	=	150.00 Sqft	
	1 X 22' 0" X 2' 0"	=	44.00 Sqft	
	1 X 42' 1" X 2' 0"	=	84.17 Sqft	
	1 X 162' 0" X 2' 0"	=	324.00 Sqft	
	1 X 68' 8" X 1' 6"	=	103.00 Sqft	
	1 X 29' 9" X 1' 0"	=	29.75 Sqft	
			734.92 Sqft	
			68.27 Sqm	

68.27 M2

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- 12 Artificial stone in floor, Dado, staircase etc with cement concrete (4:2:1) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in position (2:1) including smooth finishing and rounding off corners and including application of cement slurry before flooring works using cement @ 1.75 kg/sqmt all complete including all materials and labour in ground floor (25 mm thick)

room	1 X 50' 0" X 25' 0"	=	1250.00 Sqft	
room	1 X 10' 0" X 12' 0"	=	120.00 Sqft	
room	1 X 15' 0" X 12' 1"	=	181.25 Sqft	
room	1 X 9' 0" X 9' 7"	=	86.25 Sqft	
Open verandah	1 X 55' 10" X 12' 10"	=	716.53 Sqft	
Step	1 X 29' 9" X 1' 8"	=	49.58 Sqft	
			2403.61 Sqft	
			223.30 Sqm	

223.30 M2

Page No: 107, Item No: 20

- 13 Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing.

Door	2 X 4' 0" X 7' 0"	=	56.00 Sqft	
	2 X 3' 6" X 7' 0"	=	49.00 Sqft	
Window	7 X 5' 0" X 4' 0"	=	140.00 Sqft	
	7 X 3' 6" X 4' 0"	=	98.00 Sqft	
			343.00 Sqft	
			31.86 Sqm	

31.86 M2

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- 14 Supplying fitting fixing window and ventilator with or with out integrated grills conforming to IS 1038-1975 and manufactured from roll'd steel section conforming to IS 7452-1974 with non friction projection typeall complete.

Window	7 X 5' 0" X 4' 0"	=	140.00 Sqft	
Window	7 X 3' 0" X 4' 0"	=	84.00 Sqft	
Door	2 X 4' 0" X 7' 0"	=	56.00 Sqft	
Door	2 X 3' 6" X 7' 0"	=	49.00 Sqft	
			329.00 Sqft	
			30.56 Sqm	

30.56 M2



Page No: 315, Item No:1

- 15 M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in-charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. 1) For structural members of specified sections weighing less than 22.5 Kg/m

L.S.		900.00 Quintal	
		900.00 Quintal	
		900.00 Quintal	9.00 MT

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- 16 Galvanised corrugated iron sheet work (excluding the supporting frame work) fitted and fixed with 10 mm. dia J or L hook-bolts, limpet and bitumen washers and putty complete with 150 mm. end lap and one corrugation minimum side lap. (Payment to be made on area of finished work)(GCI sheet to be supplied by contractor) b) With 0.63 mm thick sheet

Window	1 X 15' 0" X 80' 0"	=	1200.00 Sqft	
	1 X 14' 1" X 13' 0"	=	183.08 Sqft	
			1200.00 Sqft	
			111.48 Sqm	111.48 M2

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- 17 White washing including cleaning and smoothening surface thoroughly (five part of stone lime and one part of shell lime should be used in the finish. (3 coats on new work only)

interior wall	7931.38	=	7931.38 Sqft	
			736.83 Sqm	736.83 M2

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- 18 Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface of necessary.

steel surface			31.85 Sqm	31.86 M2
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- 19 Supplying fitting approved type ventilator in position after cutting holes in walls, setting in cement mortar mending damages to wall and plaster and two coats of paint of approved brand and shade. (R.C.C ventilator of 20mm thick).

Upto 10sqm	8 X 2	=	16 Nos.	
			16 Nos.	16 each

Kingsuk Malik
 22/12/2019
Kingsuk Malik
 CIVIL ENGINEER (OP.P)
 Regn. No. 9777 (195) (1999)
 SUDA, JHARGRAM-721518
 Mob: 9832830247

