

GOVERNMENT OF MAHARASHTRA
AGRICULTURE DEPARTMENT

DIST :- AMRAVATI

DETAILS PLAN & ESTIMATE

FOR YEAR 2022 – 2023

Construction of Waxing, Draying, Grading & 30 MT. Cold Storage Processing
Unit at survey No. 134, Mauje :- Adgaon Khade, Located at Sategaon Road,
Akot Anjangaon Road, Sategaon, Ta :- Anjangaon Surji, Dist :- Amravati.

ESTIMATED COST RS. = 2,02,26,408.00

| | |
|---------------------------------|-----------------------|
| ELECTRIFICATION CHARGES | 721000.00 |
| TOTAL ESTIMATE COST | 12139752.30 |
| ADD 12% FOR G.S.T. CHARGES | 1456770.276 |
| ADD 3% CONTINGENCIES CHARGES | 364192.569 |
| ADD 0.5 % FOR INSURANCE CHARGES | 60698.761 |
| ROYALTY CHARGES | 985589.15 |
| TESTING CHARGES | 219405.00 |
| PEB STRUCTURE AS PER QUOTATION | 5000000.00 |
| TENDER COST | 20226408.056 |
| SAY RS. | 2,02,26,408.00 |

SHRI GAJANAN DEVELOPERS

Off. No. 11, First Floor, Pawar Complex, Be Side Bus Depo,
Morshi

Mr. Nitin A. Kale
Civil Engineer
9850590400 / 8421837227

DETAILED ESTIMATE OF "JIDAU CULTIVATOR PRODUCER COMPANY LIMITED"

AREA ON SURVEY NO. 134, MAUDE-ADGAON KHADE, LOCATED IN SATEGAON ROAD, ANJANGAON
SURI ROAD, TA. ANJANGAON SURI & DIST. AMARAVATI

ABSTRACT

| SR. No. | QTY. | DESCRIPTION | UNIT | RATE | AMOUNT |
|---------|---------|--|------|---------|------------|
| | | | | | |
| 1 | 1275.75 | Excavation for foundation in earth, soil of all types, sand, gravel and soft murum, including removing the excavated material up to distance of 50m, beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary back filling, ramming, watering including shoring and strutting etc. complete. (Lift upto 1.5 m.) By Mechanical Means S.S.R.I.NO.21.02.P.NO.153) | CUM | 207.00 | 264080.25 |
| 2 | 1275.75 | Excavation for foundation in earth, soils of all types, sand, gravel and soft murum, including removing the excavated material up to distance of 50 metres beyond the building area and stacking and spreading as directed, dewatering, preparing the bed for the foundation and necessary backfilling, ramming, watering including shoring and strutting etc. complete. (Lift from 1.5m to 3.0m) By Mechanical Means S.S.R.I.NO.21.04.P.NO.153) | CUM | 258.00 | 329143.5 |
| 3 | 348.21 | Providing dry / vege / granite / quartzite / gneiss rubble stone soling 15cm to 20cm thick including hand packing and compacting etc. complete. S.S.R.I.NO.21.35.P.NO.157) | SQMT | 1454.00 | 506297.34 |
| 4 | 2315.15 | Filling in plinth and floors with contractors material / brought from out side and approved by Engineer incharge in layers of 15cm to 20cm including watering and compaction etc. complete. (S.S.R.I.NO.21.37.P.NO.157) | CUM | 599.00 | 1386774.85 |
| 5 | 34.25 | Providing and laying Cast in situ / Ready Mix cement concrete in M15 of trap / granite / quartzite / gneiss metal for foundation and bedding / steps including steel centering, formwork, laying / pumping, compacting, roughening them if special finishes to be provided, finishing un even and honey combed surface and curing etc. complete. The Cement Mortar 1:3 plaster is considered for rendering un even and honeycombed surface, only. Newly laid concrete shall be covered by gunny bag, plastic, tarpaulin etc. (Wooden centering will not be allowed.), with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer / concrete Batch mix plant (Panmixer) etc. complete. With fine aggregate (Crushed sand VSI Grade) (S.S.R.I.NO.24.04.P.NO.175) | CUM | 6359.00 | 217795.75 |

| | | | | | | | |
|----|-------|-----------|-----------|-------|-----------|-----------|--|
| 11 | 17.45 | 99798.00 | 56530.25 | 17.45 | 99798.00 | 56530.25 | <p>Providing and fixing in position form - 250 kg bag reinforcement of vertical elements (columns, beams, slabs, beams, columns, girders, etc. as per detailed drawings, drawings and schedules, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 25 20 P. NO. 144)</p> |
| 12 | 39.85 | 7524.00 | 299422.80 | 12 | 7524.00 | 299422.80 | <p>Providing second class burnt brick masonry with conventional 1:4 mix mortar in cement mortar 1:6 in depth as required, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 27 03 P. NO. 157)</p> |
| 13 | 40.52 | 7994.00 | 722776.26 | 13 | 7994.00 | 722776.26 | <p>Providing second class burnt brick masonry with conventional 1:4 mix mortar in cement mortar 1:6 in upper structure including striking joints, taking out joints, watering and scaffolding etc. Complete</p> <p>(S.S.P. NO. 27 03 P. NO. 157)</p> |
| 14 | 62.45 | 82248.30 | | 14 | 82248.30 | | <p>Providing prestressed concrete girder 12 mm thick in single cast in cement mortar 1:4 with cast in situ concrete or brick masonry, including scaffolding and during etc. complete</p> <p>(S.S.P. NO. 22 04 P. NO. 137)</p> |
| 15 | 63.45 | 631.00 | 4565.25 | 15 | 631.00 | 4565.25 | <p>Providing ready mix to plaster surfaces in all positions including scaffolding and during etc. complete</p> <p>(S.S.P. NO. 22 04 P. NO. 137)</p> |
| 16 | 70.15 | 490278.85 | | 16 | 490278.85 | | <p>Providing sand faced plaster externally in cement mortar using 15mm thick in cement mortar 1:4 using water proofing compound at 1 kilogram per square meter during the same or rough to receive the sand faced treatment 5 to 8 mm thick in cement mortar 1:4 finishing the surface by during out grain and curing for plaster, also scaffolding etc. complete</p> <p>(S.S.P. NO. 22 11 P. NO. 209)</p> |
| 17 | 31.82 | 218708.48 | | 17 | 218708.48 | | <p>Providing and fixing mild steel grill work for windows, ventilators etc. 25 kilogram One Square Meter per sq. meter including necessary welding and painting with zinc coat of anti-rustive paint and zinc coat of oil painting complete</p> <p>(S.S.P. NO. 40 02 P. NO. 254)</p> |
| 18 | 68.85 | 523222.00 | | 18 | 523222.00 | | <p>Providing and approving plaster finish part of approved quality, color and finish to old and new surfaces in two coats including scaffolding, plastering the surface, including the plaster coat etc. complete</p> <p>(S.S.P. NO. 66 11 P. NO. 427)</p> |
| 19 | 71.15 | 80644.85 | | 19 | 80644.85 | | <p>Providing and approving plaster finish part of approved quality and covering the surface, including scaffolding and plastering etc. complete</p> <p>(S.S.P. NO. 66 11 P. NO. 427)</p> |
| 20 | 71.15 | 80644.85 | | 20 | 80644.85 | | <p>Providing and approving plaster finish part of approved quality and covering the surface, including scaffolding and plastering etc. complete</p> <p>(S.S.P. NO. 66 11 P. NO. 427)</p> |

| | | | | | | | |
|---|----------|-----------|--|---|----------|-----------|---|
| 1 | 7244.00 | 99525.80 | | 1 | 7244.00 | 99525.80 | <p>Providing and laying in situ / Ready mix cement concrete M-20 of 1:1:4 mix (Grade) 150 mm thick including during etc. as per detailed drawings, drawings and schedules, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 25 20 P. NO. 144)</p> |
| 2 | 13783.00 | 742214.55 | | 2 | 13783.00 | 742214.55 | <p>Providing and laying in situ / Ready mix cement concrete M-20 of 1:1:4 mix (Grade) 150 mm thick including during etc. as per detailed drawings, drawings and schedules, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 25 20 P. NO. 144)</p> |
| 3 | 2255.00 | 261671.00 | | 3 | 2255.00 | 261671.00 | <p>Providing and laying in situ / Ready mix cement concrete M-20 of 1:1:4 mix (Grade) 150 mm thick including during etc. as per detailed drawings, drawings and schedules, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 25 20 P. NO. 144)</p> |
| 4 | 2352.00 | 29455.80 | | 4 | 2352.00 | 29455.80 | <p>Providing and laying in situ / Ready mix cement concrete M-20 of 1:1:4 mix (Grade) 150 mm thick including during etc. as per detailed drawings, drawings and schedules, including cutting, bending, marking, erecting, tying and welding and supporting and bracing etc. as required.</p> <p>(S.S.P. NO. 25 20 P. NO. 144)</p> |

| | | | | | |
|----|--------|-------|----------|-----------|---|
| 20 | 116.07 | Cum | 846.00 | 980327.22 | <p>Providing and laying in situ cement concrete M-30 with terram treatment for 200 mm thickness for Concrete Road is including laying plastic sheet for 125 micron thickness with groove cutting of 4mm wide and 20mm deep with necessary rolling with blumer (excluding reinforcement) with coarse and fine aggregate (natural sand VSI grade fine washed crushed sand) etc complete with fully automatic microprocessor based PLC with SCADA enabled reversible Drum Type mixer/concrete Batch plant/Fanmixer etc complete.</p> <p>(S.S.R.I NO 5.22 P NO 44)</p> |
| 21 | 5.75 | M.T. | 10184.00 | 585603.00 | <p>Providing and fabricating structural steel work in rolled sections like joists, channels, angles, tees etc as per detailed design and drawings or as directed including cutting, bolting, riveting, bolting, welding connections without connecting plates braces etc and including one coat of anticorrosive paint and over it two coats of oil painting of approved quality and shade etc complete.</p> <p>(S.S.R.I NO 23.01 P NO. 73)</p> |
| 22 | 160 | RMT | 1481.00 | 236960.00 | <p>Providing and fixing P.V.C. Rain water pipes of 160mm outer diameter and having wall thickness of 2.2 to 2.7mm conforming to IS 13592-1992 including proper rainwater receiving recess with P.V.C. plug band necessary fittings such as offsets including fixing the pipe on wall using approved wooden cleats projecting 25mm to 40mm from face of wall fitting the joint us in grubberg as ket with solvent cement and properly resting the shoe of pipe on C.C. or masonry blocks, including necessary scaffolding and maintenance for 3 yrs for any leakages or dislocations of pipes. All the P.V.C. fittings and additional pieces socket clips shall be got approved from engineer in charge etc. complete.</p> <p>(S.S.R.I NO 42.62 P NO 265)</p> |
| 23 | 63 | SQ.M. | 5308.00 | 334404.00 | <p>Providing and fixing rolling shutter fabricated from steel laths of minimum thickness 0.9 mm with lock plate of 3.15mm thick mess reinforced with 35x35x5mm angle section fitted with sliding bolt sand handles for both sides, deep M.S. channel section of depth and thickness not less than 65mm and 3.15mm respectively with holdfast arrangements, M.S. Bracket plate 300x300x3.15mm minimum size and shape with square bar, suspension shaft of minimum 32mm diameter, hood cover of M.S. sheet not less than 0.9mm thickness and of any size at top and safety devices including mechanical gear operation arrangement consisting of worm gear wheel sand worms of high grade cast iron with standard non-coupled worm gear etc. complete. (I.S. 62481979) (Wm mechanical gear)</p> <p>(S.S.R.I NO 39.25 P NO 2491)</p> |

| | | | | | |
|--------------|-------|-------|------------|-----------|--|
| 24 | 51.54 | SQ.M. | 5479.00 | 282387.66 | <p>Providing and fixing in position, (as per I.S. 1668/1982) Aluminium sliding window of two tracks with rectangular pipe having cover all dimension 63.50x38.10x1.02mm at weight 0.547 Kilogram/One Running Metre, and window frame bottom track section 61.85x31.75x1.20mm at weight 0.695 Kilogram/One Running Metre. Top and side track section 61.85x31.75x1.30mm at weight 0.659 Kilogram/One Running Metre. The shutter should be of bearing bottom 40x18x1.25mm at weight 0.417 Kilogram/One Running Metre. Inter locking section 40x18x1.10mm at weight 0.469 Kilogram/One Running Metre. And handle section 40x18x1.25mm at weight 0.417 Kilogram/One Running Metre. and top section 40x18x1.25mm at weight 0.417 Kilogram/Running metre. As per detailed drawings and as directed by Engineer incharge with all necessary Aluminium sections fixture sand etc, complete. With colour Anodising with box.</p> <p>(S.S.R.I NO 39.37 P NO 251)</p> |
| 25 | 10000 | LIT. | 13.00 | 13000.00 | <p>Providing, hoisting and fixing in position Rotational moulded polythylene water storage tank with ISI mark with walls of required thickness, upto 3000 litres capacity as per specification and with manhole cover at top including necessary socket for inlet, overflow, scour pipe with plug (all 25 mm. dia) outlet socket, including all leads and lift etc, complete.</p> |
| TOTAL | | | 11418752.3 | | |

SADGURU PEB

WORKS PVT. LTD.

GENERAL
TRADING

MANUFACTURER OF
Peb Building & Warehouse
Heavy Structure & Project Works
Overhead Crane System
Low Cost Accommodation

Pillar System (Mezzanine Systems)
Ladders & Bridge Stairlifts
Storage Solution
Truck Elevator & Crutch Conveyor

Profile Sheet
Zs Panels & Purlling
Polycarbonate Sheet
Insulation Sheet

INCORPORATED
GENERAL TRADING COMPANY

REF: SPWP/LAS/10025/22/23

DATE: 12/08/2022

M/S

JHAJU CALTIVATOR PRODUCER CO. LTD
CHAUSALA, ANJANGAON BURJI
AMARAVATI
PROP: AKSHAY SURENDRA KALMEGH

Mob: - 9850590400

Kind Attn: MR NITTIN KALE JJ

Sub: - Offer for design, Manufacturing Fabrication & Supply & Erection of Pre-Engineered Steel Building

Dear Sir

We are pleased to submit our proposal for the supply & Erection of steel building against your subject inquiry.

SADGURU PEB WORKS PVT.LTD. Proposal is in accordance with the layout, overall dimension and design loads given in your enquiry. Our scope of work covers the design, fabrication and supply of materials in accordance with the enclosed standards and specifications of SADGURU PEB WORKS PVT.LTD, unless otherwise stated. The scope also includes, as agreed, Furnishing and complete, Civil work to be carried out by you.

This proposal is indexed for easy reference and includes scope of supply, description and design load, criteria,

SADGURU PEB WORKS PVT.LTD standard-product specifications and standard condition of sale.

We trust you will find that our proposal is in line with your requirement and look forward to your valued order

Sincerely yours,

SADGURU PEB WORKS PVT.LTD.

Ajit Sharma

M: - 9422552208

NAGPUR-440035

Head Office: 182, Behind Umtra Audhyogik Vasthat, Nevin Nagar, Pardi, Nagpur - 440 035, Maharashtra, India.

Manufacturing: Village Bhowari, Sawali Bus Stop, Near Divyansh Steel Pvt. Ltd, Bhandara Road, Nagpur - 441 104

info@sadgurupwb.com | sadgurupwb@gmail.com | 913-222-999-6 | www.sadgurupwb.com
PAN NO: AAZCS6515L | GSTIN: 27AAZCS6515L1ZC | CORPORATE ID NO: U74999MH2017PTC303417



WORKS PVT. LTD.
CRISIL
TRAINING

MANUFACTURER OF
Peb Building & Warehouse
Heavy Structure & Project Works
Overhead Crane System
Low Cost Accommodation

Floor System (Mezzanine Systems)
Lifters & Ridge Ventilators
Storage Solution
Bucket Elevator & Chain Conveyor

Profile Sheet
Z, Purlin, C Purling
Polycarbonate Sheet
Insulation Sheet

ISO 9001-2015
CERTIFIED COMPANY

SCOPE OF WORKS

BUILDING SUMMARY

| | |
|----------------|-------------------------|
| QUANTITY | 1 BUILDING |
| BUILDING USAGE | WAREHOUSE BUILDING |
| AREA | 12486 SQ FT WITH CANOPY |
| JOB SITE | ANJANGAOV AMARAVATI |

BASIC BUILDING DESCRIPTION

DESCRIPTION

SPECIFICATION

| | |
|---------------------------|--|
| TYPE OF FRAME | SINGLE SPAN |
| WIDTH MODULE | 1 @ 29.00 MTR BUILDING |
| WIDTH | 29.00 MTR O/O OF STEEL LINE |
| LENGTH | 37.500 MTR O/O OF STEEL LINE |
| CLEAR HEIGHT | 6.300 MTR |
| EAVE HEIGHT | 7.200 MTR |
| ROOF SLOPE | 1:10 |
| SIDE WALL BAY SPACING | 5 BAY @ 7.500 C/C MTR SPACING |
| END BAY SPACING | 4 BAY @ 7.250 C/C MTR SPACING |
| ROOF BRACING | ROD BRASSING (AS PER DRAWING) |
| ALONG SIDE WALL BRACING | ROD BRASSING (AS PER DRAWING) |
| FRONT SIDE WALL CONDITION | 3.100 MTR ABOVE 0.5MM COLOUR GALVALUME PROFILE |
| BACK SIDE WALL CONDITION | 3.100 MTR ABOVE 0.5MM COLOUR GALVALUME PROFILE |
| LEFT END WALL CONDITION | 3.100 MTR ABOVE 0.5MM COLOUR GALVALUME PROFILE |
| RIGHT END WALL CONDITION | 3.100 MTR ABOVE 0.5MM COLOUR GALVALUME PROFILE |
| MEZZANINE | N/A |
| SOLAR LOAD | N/A |
| FLASHING ACCESSORIES | AS PER STANDARD DESIGN |
| INTERNAL PARTITION | N/A |
| BASE CONDITION | FPL |
| INSULATION | N/A |



WORKS PVT. LTD.

CRSIL
RATING

MANUFACTURER OF
Peb Building & Warehouse
Heavy Structure & Project Works
Overhead Crane System
Low Cost Accommodation

Floor System (Mechanized Systems)
Ladders & Ridge Ventilators
Storage Solution
Bucket Elevator & Grain Conveyor

Profile Sheet
Z-Profile & Purling
Poly-carbonate sheet
Insulation Sheet

180 2001 2015
180 2001 2015
180 2001 2015

| ACCESSORIES | |
|------------------------|--------------------------------------|
| SKY LIGHT 2MM THK | 5 NOS STRIP EACH BAY @ 200MM WIDTH) |
| TURBO VENTILATOR @ 24" | 10 NOS |
| CANOPY (OPENING) | 29.00 MTR LENGTH @ 2.5 MTR WIDE |

| DESIGN CONSIDERATIONS | |
|-----------------------|--------------------|
| DESIGN CODE | AISC 05 / MBMA2006 |
| DEFL. CRITERIA | MBMA 2006 |

| LOADING DATA | |
|-----------------|------------------------------------|
| DEAD LOAD | 0.10 KN/ SQ MTR |
| LIVE LOAD | 0.57KN/SQ MTR |
| COLLATERAL LOAD | N/A |
| WIND SPEED | 44 MTR/SECOND AS PER IS 875 PART 3 |
| SEISMIC ZONE | II AS PER IS 1893:2002 |

DESIGN NOTES REMARKS

- 1) BUILDING IS DESIGNED AS ENCLOSED BUILDING
- 2) PURLING & GUST ARE CONSIDERED AS 200 MM DEPTH (MAKE JSW/ARCELOR/UTTAM ZINC COATING 120 GSM)
- 3) EXPANSION JOINTS ARE NOT CONSIDERED GIRTS & PURLIN NOT CONSIDERED ANY ADDITIONAL FLEM
- 4) DOWNSPOUT IS CONSIDERED UP TO GROUND LEVEL & ON GRID LINES
- 5) PROFILE SHEET BARE GALVALUME CONSIDERED FOR ROOF (0.50 MM THK) JSW MAKE / TATA BSL
- 6) PROFILE SHEET COLOR COATED GALVALUME CONSIDERED FOR WALL CLADDING (0.50 MM THK) JSW MAKE
- 7) COLUMN/RAFTER BUILT UP SECTION FABRICATED FROM HOTT ROLLED STEEL PLATE MAKE TATA/ISPL YS-345MPA
- 8) MAIN FLEM COLUMN BASE PINNED/ FIXED & ENDWALL COLUMN BASED ARE PINNED
- 9) WALL CLADDING ABOVE 3.100 TO EAVE HEIGHT SHEETED
- 10) CROSS BRACING IS CONSIDERED FOR ESTIMATION AND BRACING MEMBERIS DESIGN AS TENSION MEMBER ONLY
- 11) THREE SETS OF BRACED BAYS ARE CONSIDERED IN THE SHED
- 12) END WALL NON EXPANDABLE
- 13) BUILDING IS DESIGNED AS PER AISC
- 13) FULL HEIGHT CROSS BRACING IS CONSIDERED ALONG SIDEWALLS & ROOF

SADGURU PEB

MARKS PVT. LTD.

GARUDA

SECTOR ACTIVITIES OF

Pkg Building & Warehouse
Heavy Structures & Project Works
Overhead Crane System
Low Cost Accommodation

Floor System (Mezzanine Systems)
Louver & Ridge Ventilators
Storage Solution
Rack Elevator & Chain Conveyor

Profile Sheet
Z, Purlin, C' Purling
Polycarbonate Sheet
Insulation Sheet

ISO 9001:2015
CERTIFIED COMPANY

QUOTATION

SUPPLY OF STRUCTURAL (PRIMARY, SECONDRY, PROFILE SHEET)

| SN | DESCRIPTION | QTY. | UNIT | RATE | AMOUNT |
|---------------------------------|--|------|------|-------------|---|
| 1) | DESIGN, ENGINEERING, FABRICATON, PAINTING, SUPPLY OF PRE-ENGINEERING BUILDING STRUCTURAL AS PER THE STATED SCOPE & SPECIFICATIONS (WITHOUT CIVIL WORKS) MAIN SHEED: - 29.00 MTR X 37.500 MTR = 1087.50 SQ MTR CANOPY :- 02.500 MTR X 29.00 MTR X1 = 72.50 SQ MTR TOTAL AREA - 1160 SQ MTR X 10.7639 = 12486 SQ.FT | | | 4476,000/- | (FOURTY FOUR LAC SEVENTY-SIX THOUSAND ONLY) |
| 2) | LABOUR CHARGES OF STRUCTURE & PROFILE SHEETING ERECTION | | | 4,00,000/- | (FOUR LAC ONLY) |
| TOTAL APPROX WT = 34.00 MT ± 5% | | | | | |
| GST TAX @18% INCLUDING | | | | | |
| TOTAL AMOUNT IN INR | | | | 48,76,000/- | |

SUPPLY OF OPTIONAL ACCESSORIES

| SN | DESCRIPTION | QTY. | UNIT | RATE | AMOUNT |
|------------------------|--|------|--------|--------|------------|
| 1) | SUPPLY OF TURBO VENTILATORS @ 24" | 10 | EACH | 5000/- | 50,000/- |
| 2) | SUPPLY OF POLYCARBONATE SHEET 2MM X 200MM WIDTH STRIP EACH BAY | 62 | SQ MTR | 1200/- | 74,400/- |
| 3) | SUPPLY OF PPGL LOWERS VENTILATORS (H-0.600 MTR X L-1.00 MTR) | N/A | EACH | 3500/- | N/A |
| GST TAX @18% INCLUDING | | | | | |
| TOTAL AMOUNT IN INR | | | | | 1,24,400/- |

GROSS AGREEMENT FINAL AMOUNT -----50,00,400/-