

Form no. _____

Price Rs 5000/-



Managing Director

District Minor Forest Produce Co-operative Union Limited

Surguja Forest Division, Ambikapur


**Procurement including Designing, Fabrication and Commissioning, of PEB
and Profile Galvalume Or Galvalume Color Coated Steel sheet for proposed
Godowns**

Tender form

Name of the tenderer/ firm
Full address.....
Mobile number.....

This form consists of pages from serial i-ii and 1 to 47 "This tender form is non transferable".

Seal


Managing Director
District Minor Forest Produce Co-operative Union
Limited Surguja

Index

S.No	Sections	Particulars	Page No
1.	Section I	Notice Inviting Tender	1
		Bid Data Sheet	2
2.	Section II	Scope of work, drawings and specifications	3
	DWG - 1	Foundation Plan	4
	DWG - 2	Lay-out Plan.	5
	DWG - 3	Position Of Column.	5
	DWG - 4	Column and Footing Details.	6
	DWG - 5	Ground Beam With Details.	7
	DWG - 6	Ground Floor Working Plan With Details.	8
	DWG - 7	Lintel Beam Plan With Details.	9
	DWG - 8	Front and Side Elevation.	10
	DWG - 9	Typical Main Section.	11
	DWG - 10	Typical Nos. Of Section.	12
	DWG - 11	Sky Light and Ridge Vent Plan.	13
3.	Section III	Instructions to bidders and general conditions of contract	14-20
4.	Annexure A	Standard Material Specifications	21-25
5.	Annexure B	Structure and organization	26-27
6.	Annexure C	Financial Bid form	28-29
7.	Annexure D	Information regarding similar works	30
8.	Annexure E	Affidavit	31
9.	Annexure F	Financial Capacity	32
10.	Annexure G	Check list	33
11.	Annexure H	Draft Supplier's Agreement	34-47

Section I



**कार्यालय प्रबंध संचालक जिला वनोपज सहकारी संघ मर्यादित,
सरगुजा, अम्बिकापुर (छ.ग.)**

☎ 07774 - 296602 (Office), 240304 (Res.), 240400 (Fax), E-mail mdsouthsurguja@gmail.com

क्रमांक/ते.प./व्यय/2022/ 2434


अम्बिकापुर, दिनांक 01 / 8 / 2022

निविदा आमंत्रण की सूचना

एतद्द्वारा सूचित किया जाता है कि प्रबंध संचालक, जिला वनोपज सहकारी संघ मर्यादित सरगुजा, अम्बिकापुर (छ.ग.) अंतर्गत स्वीकृत नवीन गोदामों के Procurement including Designing, Fabrication and Commissioning of PEB and Profile Galvalume Or Galvalume Color Coated Steel Sheet For Proposed Godowns हेतु निविदा जारी की जा रही है। निविदा की समय सारिणी एवं अभिलेख विभागीय वेबसाईट www.cgmfpfed.org से डाउनलोड किया जा सकता है। विस्तृत निविदा प्रपत्र एवं आवश्यक शर्तें अधोहस्ताक्षरकर्ता के कार्यालय से रुपये 5000/- का डिमाण्ड ड्राफ्ट जो “प्रबंध संचालक, जिला वनोपज सहकारी संघ मर्यादित सरगुजा, अम्बिकापुर” के नाम से देय हो, जमा कर प्राप्त किया जा सकता है अथवा विभागीय वेबसाईट www.cgmfpfed.org से डाउनलोड कर, निविदा प्रपत्र कार्यालय में जमा करते समय रुपये 5000/- का डिमाण्ड ड्राफ्ट जमा करना होगा।

निविदा का विवरण

क्र.	विवरण	प्रथम चक्र निविदा की तिथि/समय	द्वितीय चक्र निविदा की तिथि/समय	तृतीय चक्र निविदा की तिथि/समय
1.	निविदा फार्म प्राप्त करने की अंतिम तिथि	दिनांक- 16.08.2022 समय- सायं 5:00 बजे तक	दिनांक- 26.08.2022 समय- सायं 5:00 बजे तक	दिनांक- 09.09.2022 समय- सायं 5:00 बजे तक
2.	निविदा फार्म जमा करने की अंतिम तिथि	दिनांक- 17.08.2022 समय- सायं 5:00 बजे तक	दिनांक- 29.08.2022 समय- सायं 5:00 बजे तक	दिनांक- 12.09.2022 समय- सायं 5:00 बजे तक
3.	तकनीकी एवं वित्तीय निविदा फार्म खोलने की तिथि	दिनांक- 18.08.2022 समय- 12:00 बजे से	दिनांक- 31.08.2022 समय- 12:00 बजे से	दिनांक- 13.09.2022 समय- 12:00 बजे से
4.	निविदा खोलने का स्थान	कार्यालय वनमण्डलाधिकारी/प्रबंध संचालक, सरगुजा वनमण्डल, अम्बिकापुर		


प्रबंध संचालक
जिला वनोपज सह. संघ मर्या.
सरगुजा, अम्बिकापुर

Bid Data Sheet

Date:

Lumpsum bid for the following works are invited from eligible vendor/bidders and firms of repute fulfilling tender conditions:

Tender No.	
Name of Work	Procurement including Designing, Fabrication and Commissioning, of PEB and Profile galvalume or galvalume color coated steel Sheet for proposed Godowns.
Estimated Cost of one godown	Rs. 65,00,000 (Inclusive of all taxes)
Total No. of Godowns	08 Nos.
Total Cost of 08 Godowns	Rs. 5,20,00,000 (Inclusive of all taxes)
Completion Period	05(Five) Months
Earnest Money Deposit (@ 3% of total cost)	Rs. 15,60,000/- By Demand Draft in Favour of " Managing Director District Minor Forest Produce Co-Operative Union Limited Forest Division Surguja" Payable at Ambikapur.
Cost of Tender Document	Rs.5000/-* By demand Draft in Favour of "Managing Director District Minor Forest Produce Co-Operative Union Limited Forest DivisionSurguja" Payable at Ambikapur.
Date of sale of tender	<ol style="list-style-type: none"> 1. प्रथम चक्र -04.08.2022 to 16.08.2022 Between 10:30 A.M. to 5:00 P.M. on all working Days 2. द्वितीय चक्र -19.08.2022 to 26.08.2022 Between 10:30 A.M. to 5:00 P.M. on all working Days 3. तृतीय चक्र -01.09.2022 to 09.09.2022 Between 10:30 A.M. to 5:00 P.M. on all working Days
Date & time of submission of tender	<ol style="list-style-type: none"> 1. प्रथम चक्र -17.08.2022 up to 5:00 P.M. 2. द्वितीय चक्र -29.08.2022 up to 5:00 P.M. 3. तृतीय चक्र -12.09.2022 up to 5:00 P.M.
Date & time of opening of technical bid.	<ol style="list-style-type: none"> 1. प्रथम चक्र -18.08.2022 at12:00 P.M. 2. द्वितीय चक्र -31.08.2022 at12:00 P.M. 3. तृतीय चक्र -13.09.2022 at12:00 P.M.
Experience with respect to similar nature of work executed during previous 36 months from the tender opening date	<ol style="list-style-type: none"> a) One similar work costing not less than, 100% of the total estimated cost of the project; <li style="text-align: center;">Or b) Two similar works costing not less than, 75%of the total estimated cost of the project; <li style="text-align: center;">Or c) Three similar works costing not less than, 50%of the total estimated cost of the project.

Section II

SCOPE OF WORK, DRAWINGS AND SPECIFICATIONS

1. Scope of Work

- 1.1 The scope of work includes Design, Proof Check, Vetting and Approval by any NIT/IIT Institution, Manufacturing and testing of Materials by Approved Agency, Transportation of Approved Material and Installation of PEB as per attached **Annexure A**. The cost of Proof Check, Vetting, and Approval by any NIT/IIT Institution shall be included in the cost quoted in the bid.
- 1.2 Since it is lump sum procurement the manufacturer is expected to quote the bid considering all the designs, drawings specifications and other conditions of contract mentioned in the bid document. In case of discrepancies the decision of MD, DU/ Engineer-in-charge shall be final & binding and nothing extra shall be payable in this account.
- 1.3 The water and power for construction and all other incidentals for the Installation of work shall be arranged by the contractor and nothing extra shall be paid on this account.
- 1.4 There will be Defect Liability Period of One (01) Year after issuance of completion certificate. 50% of Performance Guarantee/Bank Guarantee as the case may be, released after successful completion of project and 50% Performance Guarantee/Bank Guarantee as the case may be, will be released after Defect Liability Period i.e. One (01) Years. The defect should be rectified within one (01) month of the period it has been noticed.
- 1.5 Drawings of Foundation Plan, Lay-out Plan Position Of Column, Column and Footing Details, Ground Beam With Details, Ground Floor Working Plan With Details, Lintel Beam Plan With Details, Front and Side Elevation, Typical Main Section, Typical Nos. Of Section and Sky Light and Ridge Vent Plan is annexed as **DWG-1** to **DWG-11** respectively.

2. USE - FE 500 GRADE OF REIN. BARS IN ALL FOOTING BARS
3. PROVIDE CLEAR COVER TO MAIN REINFC.
- FOUNDATIONS: SPAN
- COLUMNS: 400MM
- BEAM: 230x70
- SLAB: 150MM OR DIA OF BAR, WHICHEVER IS MORE.
- R.C.C. WALL: 230MM
4. TIES SHOULD BE BEND INSIDE WITH 10 \times LENGTH IN BEAM & COLUMN

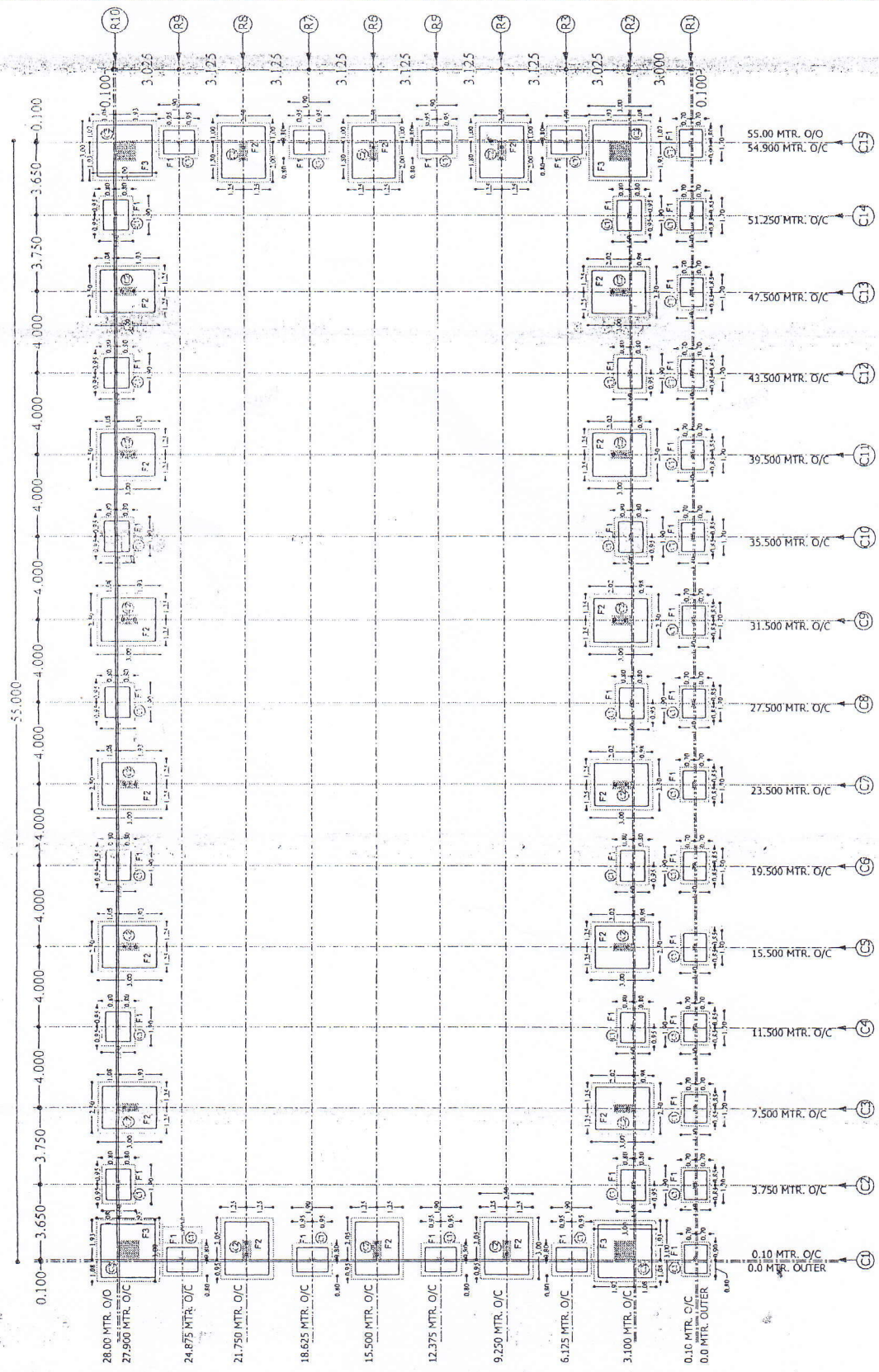
6. STRIPPING TIME FOR SHUTTERING / FORMWORK UNDER NORMAL CONDITION:
 - 1) 24 HOURS FOR R.C.C. WORK
 - 2) 48 HOURS FOR MASONRY PERIOD BEFORE STRIPPING FORM WORK
7. VERTICAL FORMWORK TO 16-24 HOUR COLUMN WALLS, BEAM
8. SOFFITS FORMWORK TO SLABS (PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK) 3 DAYS
9. SOFFIT FORMWORK TO BEAMS AFTER REMOVAL OF FORMWORK: 7 DAYS
10. PROPS TO SLABS: 7 DAYS
11. SPANNING UP TO 4.5M: 4 DAYS
12. SPANNING OVER 4.5M: 14 DAYS
13. SPANNING UP TO 6M: 21 DAYS
14. SPANNING OVER 6M: CONTINUOUSLY PREFERABLE - 28 DAYS.
15. START EARLY CURING TO AVOID CRACKS IN CONCRETE
16. PROVIDE FOLLOWING SLUMP IN CONCRETE GRADUALLY:
 - a) SHALLOW SECTIONS, PAVEMENTS, MASS CONC. LIGHT REINFORCEMENT SECTION IN SLAB, BEAM, WALL, COLUMN: 25-75
 - b) HEAVILY REINFORCEMENT SECTION IN SLAB: 30-100
 - c) BEAMS, WALLS, COLUMNS SLIPFORM, OR PUMPED CONC.: 75-100
 - d) TRENCH FILL, PULLING, PUMPED CONC.: 100-130
 - e) PROVIDE LAP/DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC.
 - 400-500: 48D
 - 500-550: 54D
 - 550-600: 60D
17. REFER RELEVANT DRG. WITH THIS DRG.

ARCHITECT
ANAND KHADIA
B ARCH
412, SAINAGAR, JAIL ROAD
RAIPUR. (C.G)
PH:- 2525760, MOBILE:-94255-05761

STRUCTURAL DESIGNERS
PRASHANT K. BANI
B.E. (MESTRU) B.A.M.E. F.I.Y.
COMPUTER AIDED STRUCTURAL DESIGNERS

PROJECT NAME AND ADDRESS:-
GODOWN FOR LAGHU
VANOPAJ SAHKARI
SAMITI KARYALAY (C.G.)

DRAWN BY -	SUNIL	DRAWING-02
CHECKED BY-	ANAND	
DATE -	04-12-2020	
SCALE	S.T.M.	



FOOTING PLAN

1. USE MIN. GRADE OF CONCR. IS 15-20MPA
2. USE - FE 500 GRADE OF REINF. AS IS 17865/1ST BARS
3. PROVIDE CLEAR COVER TO MAIN REINF
- FOUNDATION - 40MM
- COLLNS - 40MM
- BEAM - 25MM
- SLAB - 15MM OR DIA OF BAR, WHICHEVER IS MORE.
- R.C.C. WALL - 25MM
- 4-TIES SHOULD BE BEND INSIDE WITH 90° LENGTH IN BEAM & COLLNS

6 STOPPING TIME FOR SHUTTERING / FORMWORK UNDER NORMAL CONDITION.
 5 FOLLOW - IS 456-2000 FOR R.C.C. WORK
 MINIMUM PERIOD BEFORE STRIKING TYPE OF WORK

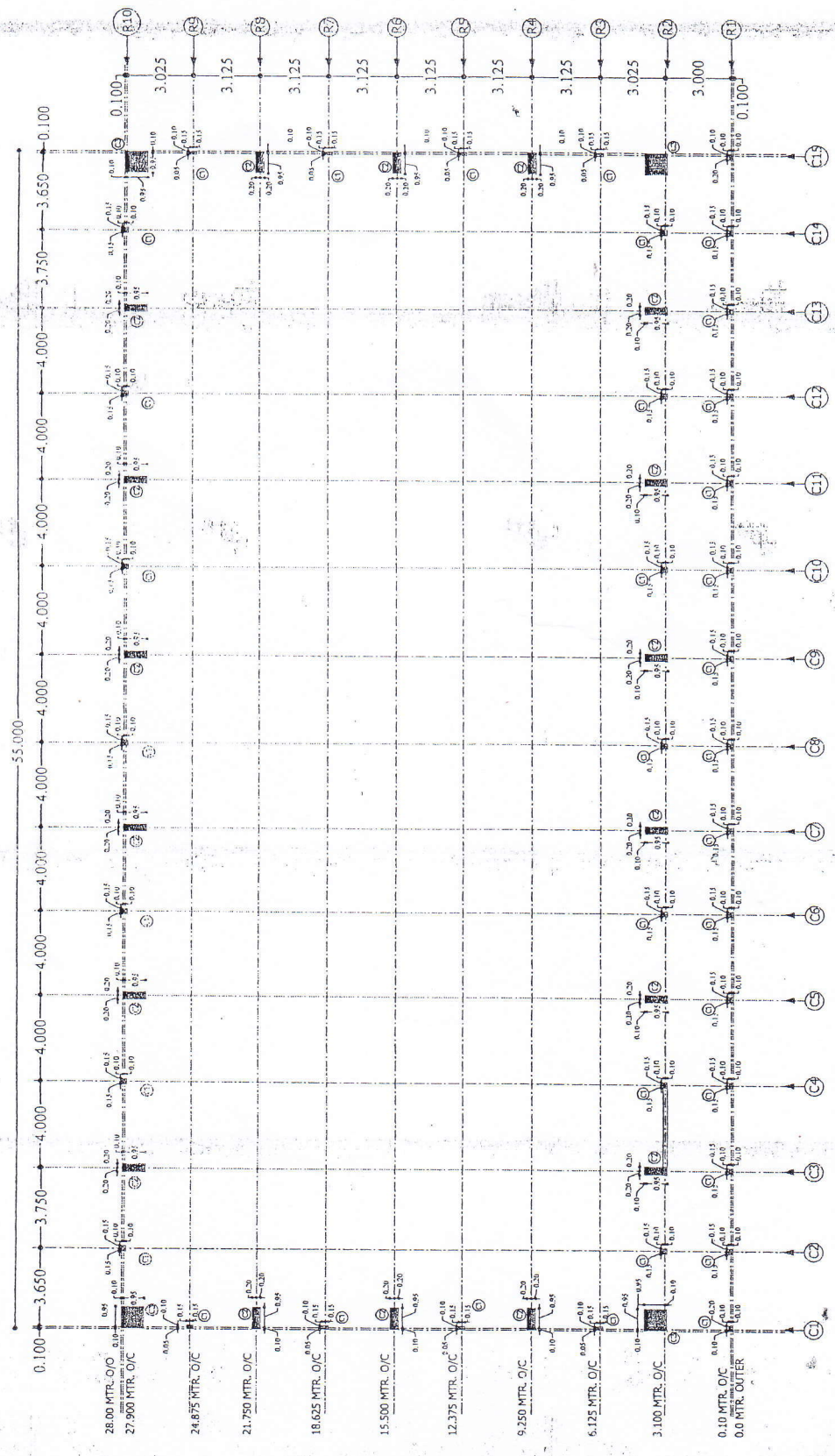
- 8) VERTICAL FORMWORK TO 16-24 HOUR
- 9) COLUMN, WALL, BEAM, SLAB, PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK (PROPS TO BE RETIED IMMEDIATELY AFTER REMOVAL OF FORMWORK) 3 DAYS
- 10) PROPS TO SLABS 7 DAYS
- 11) SPANNING OVER 4.5M 14 DAYS
- 12) PROPS TO BEAMS & ARCHES: 1) SPANNING UP TO 6M 14 DAYS 2) SPANNING OVER 6M 21 DAYS
- 13) CURING FOR R.C.C. MEMBER MINIMUM 14 DAYS CONTINUOUSLY PREFERABLE - 28 DAYS & START EARLY CURING TO AVOID SHRINKAGE CRACKS, WHEN CONCRETE APPEARS TO HARDEN.
- 14) PROVIDE FOLLOWING SLOPPING IN CONCRETE GEN.
- 15) SHALLOW SECTIONS, PAVEMENTS
- 16) MASS CONCR. LIGHT REINFORCEMENT
- 17) SECTION IN SLAB, BEAM, WALL, COLUMN 25-75
- 18) SLAB 50-100
- 19) HEAVILY REINFORCEMENT SECTION IN BEAMS, WALLS, COLUMN SLIPFORM, OR 75-100
- 20) FRENCH FILL, PILING, PLUMBED CONCR. 100-150
- 21) PROVIDE LAP / DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONCR. N38-170 N33-140 N30-130 N28-130
- 22) REFER RELEVANT DRG. WITH THIS DRG.

ARCHITECT
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 B ARCH
 412, SAINAGAR, JAIL ROAD
 RAIPUR. (C.G)
 PH:- 2525760, MOBILE:-94255-05761

STRUCTURAL DESIGNERS
 PRASHANT K. BAN
 B.E. M.E.(STRUC) AMIE., F.I.Y.
 COMPUTER AIDED STRUCTURAL DESIGNERS

PROJECT NAME AND ADDRESS-
 GODOWN FOR LAGHU
 VANOTAJ SARKARI
 SAMITI KARYALAY (C.G.)

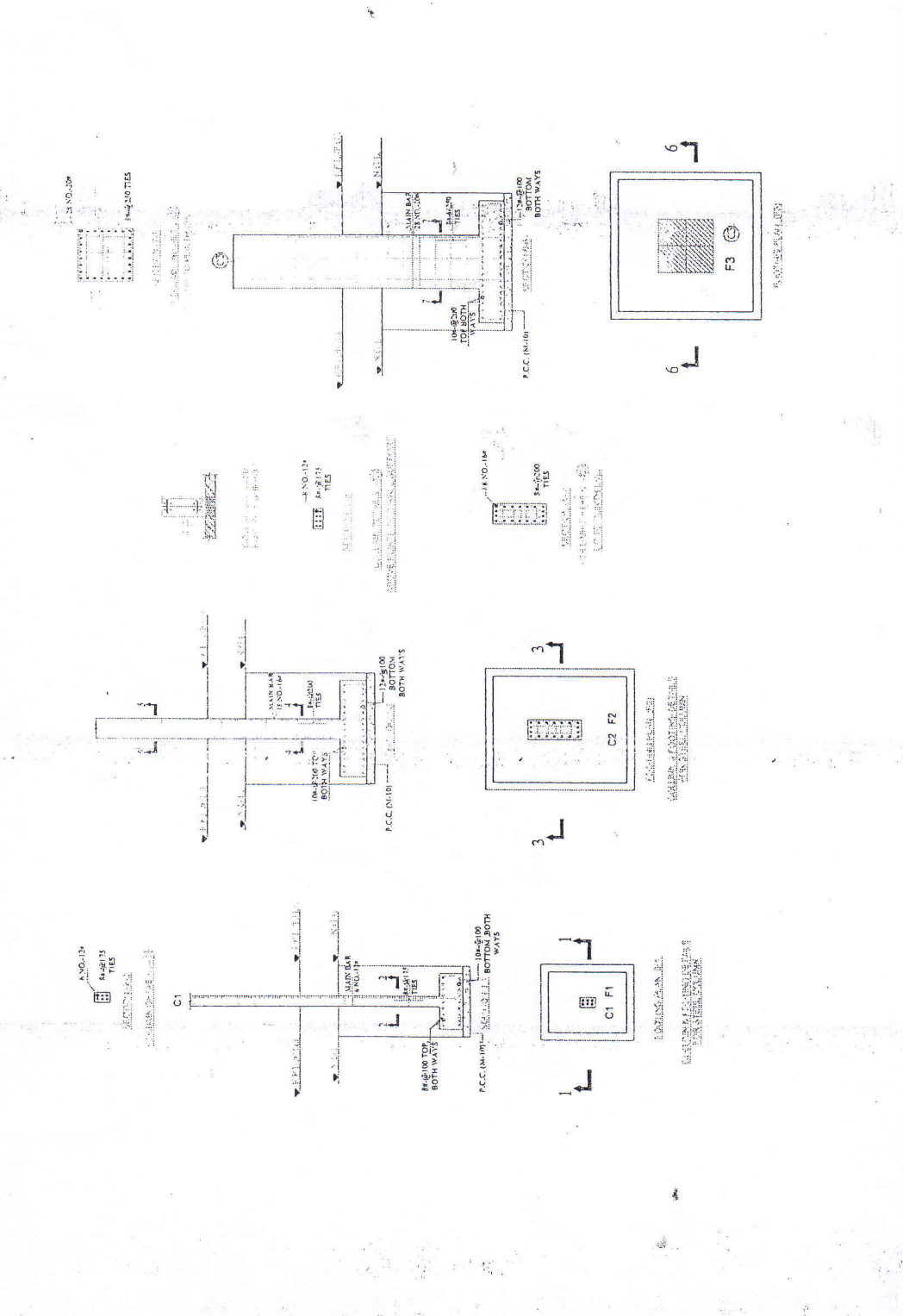
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CHECKED BY- ANAND	
DATE - 04-12-2020	
SCALE	S.T.M.



CENTER LINE PLAN

FOOTING SCHEDULE

S.NO.	FOOTING TYPE	EX. SIZE			FOOTING SIZE			DEPTH	BOTTOM BOTH WAYS			TOP BOTH WAYS			COLUMN NAME
		X	X	Y	X	X	Y		I I TO X	I I TO Y	I I TO X	I I TO Y	I I TO X	I I TO Y	
1	F1	1600	X	1900	1300	X	1600	450	10#	C/C	100	10#	C/C	100	C1
2	F2	2500	X	3000	2200	X	2700	500	12#	C/C	100	10#	C/C	200	C2
3	F3	3000	X	3000	2700	X	2700	500	12#	C/C	100	10#	C/C	200	C3



NOTES:
 1. USE MIN GRADE OF CONCR AS IS 456:2000
 2. USE 75% TO 100% GRADE OF REIN. AS IS 1513:2011 PART 1
 3. PROVIDE CLEAR COVER TO MAIN REIN.
 FOUNDATION: 50MM
 COLUMN: 40MM
 BEAM: 25MM
 SLAB: 15MM OR DIA OF BAR, WHICHEVER IS MORE.
 R.C.C. WALL: 25MM
 4. TIES SHOULD BE WEDGED INSIDE WITH 10# LENGTH IN BEAM & COLUMN

6. STRIPPING TIME FOR SHUTTERING: 7 DAYS FOR WORK UNDER NORMAL CONDITION.
 3. FOLLOW IS 456:2000 FOR R.C.C. WORK
 MINIMUM PERIOD BEFORE WORKING
 TYPE OF WORK
 A) VERTICAL FORMWORK TO COLUMN, WALLS, BEAM 16-24 HOUR
 B) SOFFITS FORMWORK TO SLABS (PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK) 3 DAYS
 C) SOFFIT FORMWORK TO BEAMS (PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK) 7 DAYS
 D) PROPS TO SLABS: 7 DAYS
 1) SPANNING UP TO 4.5M 7 DAYS
 2) SPANNING OVER 4.5M 14 DAYS
 3) SPANNING OVER 6M 14 DAYS
 4) SPANNING OVER 6M TO 10M 21 DAYS
 5) SPANNING OVER 10M TO 15M 28 DAYS
 6) SPANNING OVER 15M TO 20M 35 DAYS
 7) SPANNING OVER 20M TO 30M 42 DAYS
 8) SPANNING OVER 30M TO 40M 49 DAYS
 9) PROVIDE FOLLOWING SLUMP IN CONCRETE GEN-ERALLY LOW SECTIONS, PAVEMENTS, MASS CONC. LIGHT REINFORCEMENT SECTION IN SLAB, BEAM, WALL, COLUMN 25-75.
 10) HEAVILY REINFORCEMENT SECTION IN SLAB 50-100
 11) BEAMS WALLS, COLUMNS SLIPFORM, OR PUMPED CONC. 75-100
 12) TRENCH FILL, FILLING, PUMPED CONC. 100-150
 10) PROVIDE LAP/DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC. 40 100-150
 110-150
 113-140
 116-130
 118-130
 1) REFER RELEVANT DIAG. WITH THIS DIAG.

ARCHITECT
 ANAND KHADIA
 BARCH
 412, SAINAGAR JAIL ROAD
 RAIPUR, (C.G.)
 PH:- 2525760, MOBILE:-942555-05761

STRUCTURAL DESIGNERS
 PRASHANT K. BANI
 B.E. (STRUCTURE) M.T.E. F.I.Y.
 COMPUTER AIDED STRUCTURAL DESIGNERS

PROJECT NAME AND ADDRESS:-
 GODOWN FOR LAGHU
 YANOPAJ SAHKARI
 SAMITI KARYALAY (C.G.)

DRAWN BY - SUNIL
 CHECKED BY- ANAND
 DATE - 04-12-2020
 SCALE - S.T.M.
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NOTES:

1. USE M-30 GRADE OF CONCREAS IS 456:2000
2. USE FE-250 GRADE OF REINFORCING BARS
3. PROVIDE CLEAR COVER TO MAIN REINFORCING BARS

FOUNDATION: 300x300
 COLUMN: 400x400
 BEAM: 200x300
 SLAB: 150mm OR DIA OF BAR, WHICHEVER IS MORE.
 ACCORDING TO IS 456:2000
 4. TIES SHOULD BE BEND INSIDE WITH 10x LENGTH IN BEAM & COLUMN

6. STRAPPING TIME FOR SHUTTERING / FORMWORK UNDER NORMAL CONDITION.
7. FOLLOW UP IS 456:2000 FOR R.C.C. WORK
8. MINIMUM PERIOD BEFORE STRUCK TYPE OF WORK

9. VERTICAL FORMWORK TO COLUMN, WALLS, BEAM
10. SOFFITS FORMWORK TO SLABS (PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK)
11. PROPS TO BE REMOVED IMMEDIATELY
12. PROPS TO BE REMOVED IMMEDIATELY
13. SPANNING UP TO 4.5M
14. SPANNING OVER 4.5M
15. SPANNING UP TO 6M
16. SPANNING OVER 6M
17. CURING FOR R.C.C. MEMBER MINIMUM 14 DAYS CONTINUOUSLY PREFERABLE 28 DAYS.
18. START EARLY CURING TO AVOID SHRINKAGE CRACKS
19. PROVIDE FOLLOWING SLUMP IN CONCRETE GENERALLY

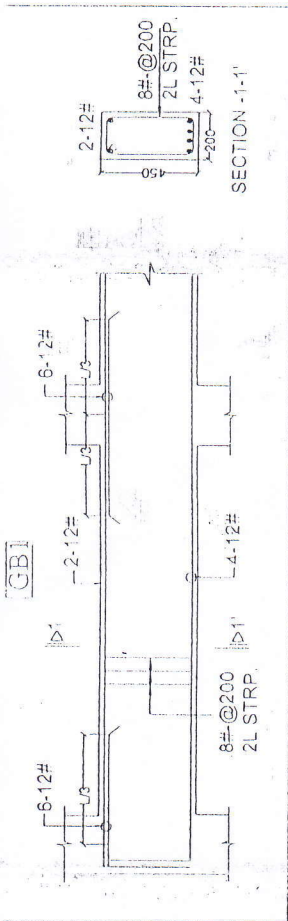
20. SHALLOW SECTIONS, PAVEMENTS, MASS CONCRETE, LIGHT REINFORCEMENT SECTION IN SLAB, BEAM, WALL, COLUMN
21. HEAVILY REINFORCEMENT SECTION IN BEAMS, WALLS, COLUMNS SLIPFORM, OR PUMPED CONCRETE
22. TRENCH FILL, PILING, PUMPED CONCRETE
23. PROVIDE LAP DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC. IS 456:2000
24. REFER RELEVANT DRG. WITH THIS DRG.

ARCHITECT
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 RAIPUR, (C.G.)
 PH:- 2525760, MOBILE:-94255-05761

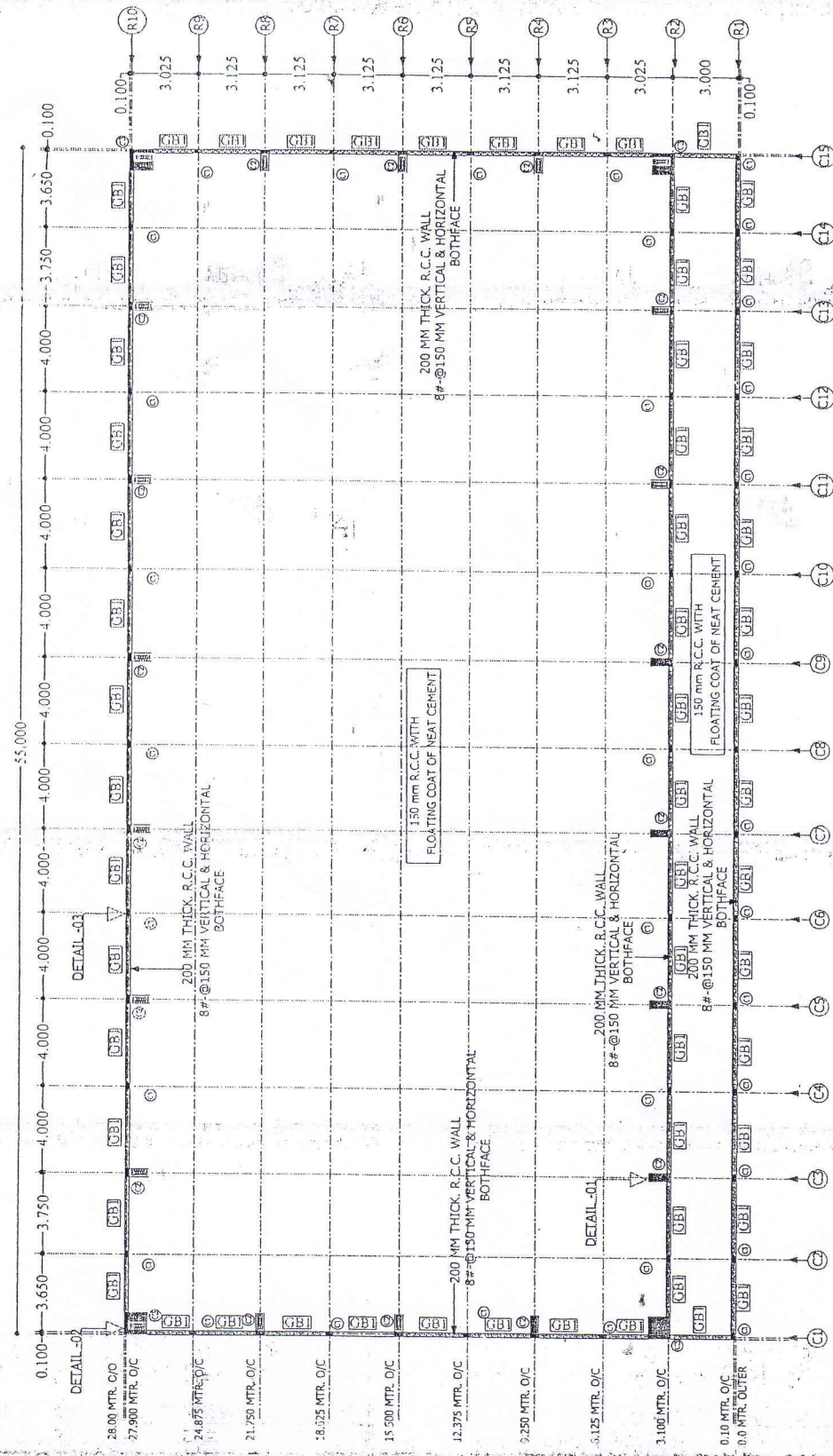
STRUCTURAL DESIGNERS
 PRASHANT K. BANI
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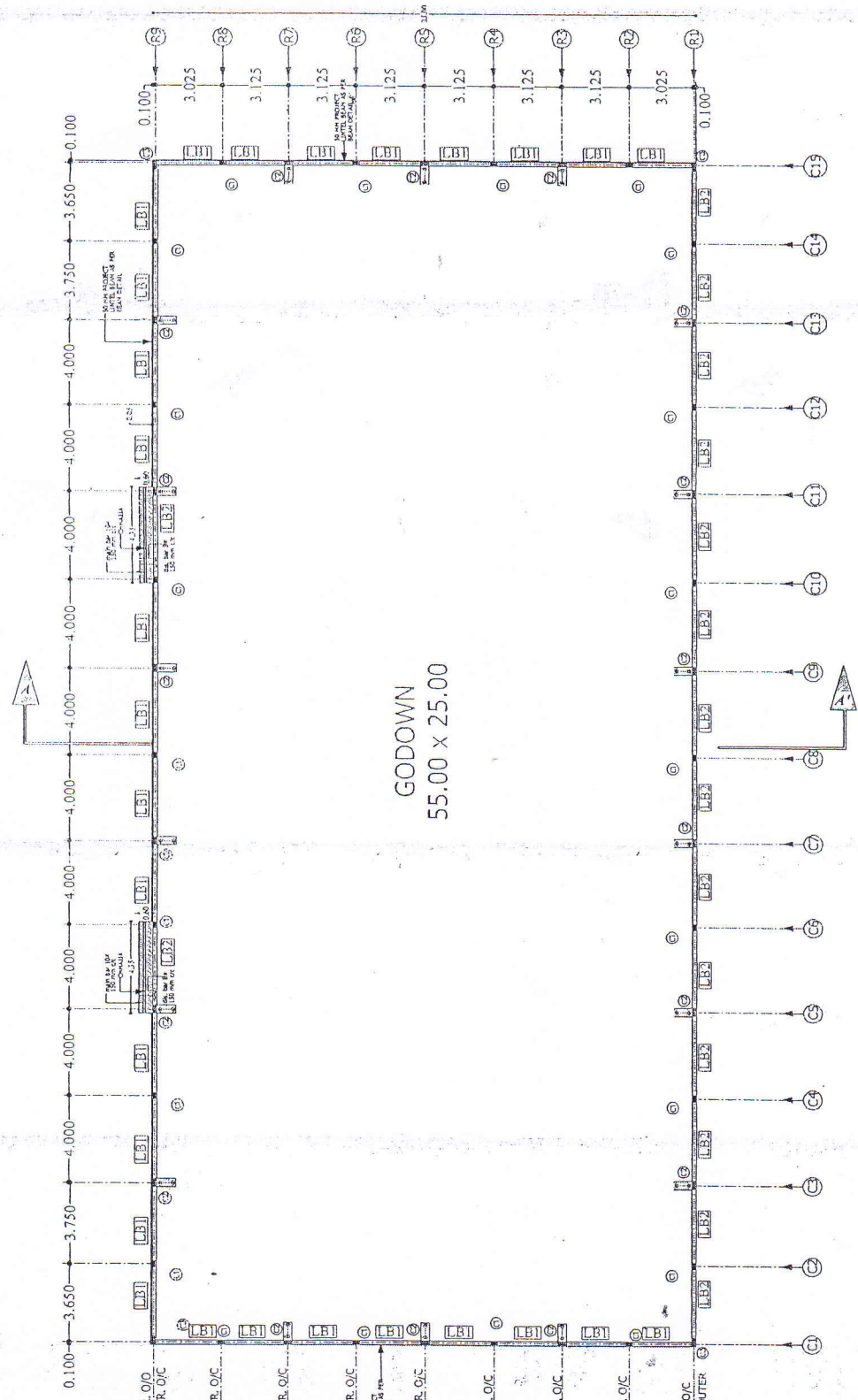
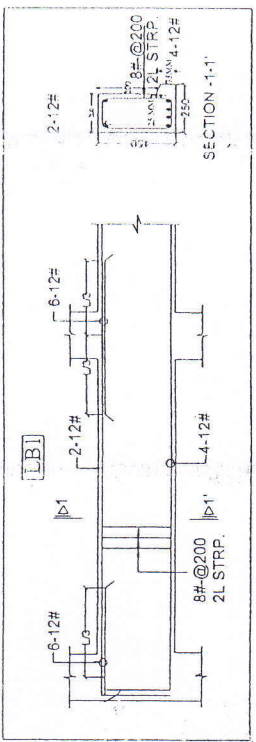
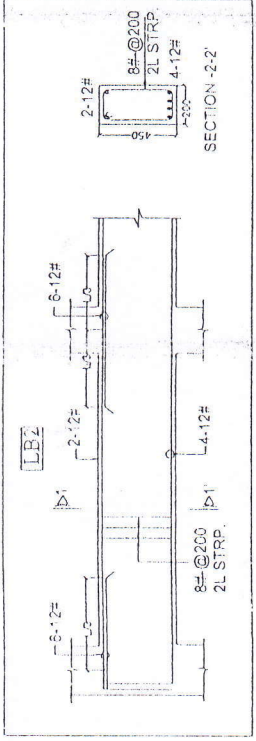
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SCALE	S.T.M.



GROUND BEAM DETAILS



GROUND BEAM PLAN



NOTES:
 1. USE MIN. GRADE OF CONCRESE IS 400-200
 2. USE 75 NO. GRADE OF REIN. AS IS (TRIBUTARY BARS)
 3. PROVIDE CLEAR COVER TO MAIN REIN.
 FOUNDATION: 50MM
 COLUMN: 40MM
 BEAM: 50MM OR DIA. OF BAR, WHICHEVER IS MORE.
 R.C.C. WALL: 25MM
 4. TIES SHOULD BE BEND INSIDE WITH 10x LENGTH IN BEAM & COLUMN

4. STRIPPING TIME FOR SHUTTERING / FORMWORK
 5. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 6. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 7. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 8. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 9. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 10. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK
 11. PROVIDE SUFFICIENT CLEARANCE FOR R.C.C. WORK

1) REFER RELEVANT DRG. WITH THIS DRG.

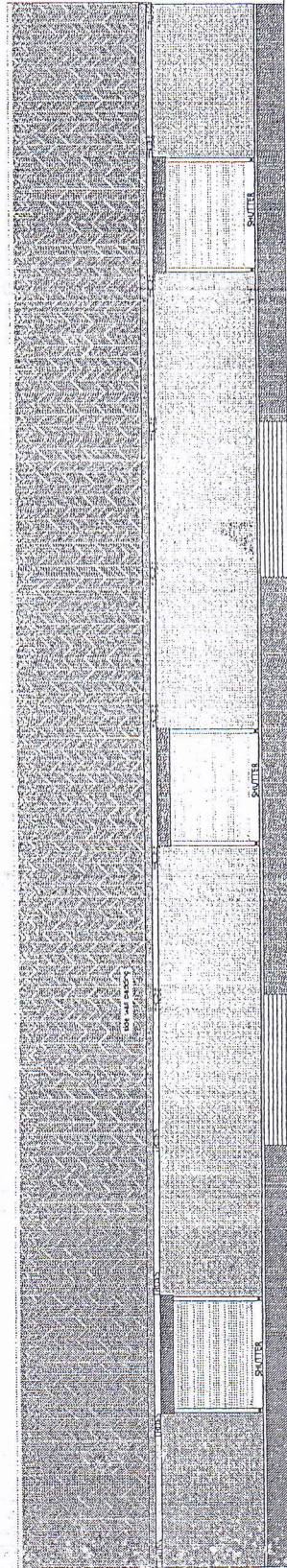
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STRUCTURAL DESIGNERS
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 B.E. (STRU.) AMIE., F.I.V.
 COMPUTER AIDED STRUCTURAL DESIGNERS

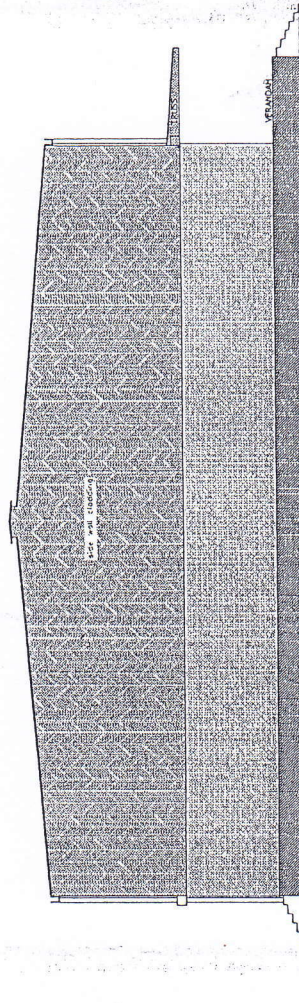
PROJECT NAME AND ADDRESS-
 GODOWN FOR LAGHU
 VANOPAI SAHAKARI
 SAMITTI KARYALAY (C.G.)

DRAWN BY - SUNIL
 CHECKED BY- ANAND
 DATE - 04-12-2020
 SCALE 5:10
 DRAWING-06

ELEVATION OF TENDUPATTA GODOWN
 CHHATTISSGRAH M.F.P. FEDERATION
 RANGE-BHANUPRATAPPUR, CHHATTISSGRAH



FRONT ELEVATION



SIDE ELEVATION

NOTES-

1. USE MIN GRADE OF CONCREAS IS 456-2000
2. USE MIN GRADE OF REIN. AS IS 178-TMT BARS
3. PROVIDE CLEAR COVER TO MAIN REINFT
- FOUNDATION: 300MM
- COLLUMN: 400X1
- BEAM: 200X1
- SLAB: 125MM OR DIA. OF BAR, WHICHEVER IS MORE
- R.C.C. WALL: 230MM
4. TIES SHOULD BE BEND INSIDE WITH 10X LENGTH IN BEAM & COLLUMN

4. STRAPPING TIME FOR SHUTTLING / FORMWORK UNDER NORMAL CONDITION.
5. FOLLOW - 15-16-2000 FOR R.C.C. WORK
- MINIMUM PERIOD BEFORE STRUCK TYPE OF WORK

- a) VERTICAL FORMWORK TO 16-24 HOUR
- b) COLLUMN, WALLS, BEAM
- c) SOFFITS FORMWORK TO 16-24 HOUR
- d) SLABS / PROPS TO BE REFIXED - IMMEDIATELY AFTER REMOVAL
- e) OF FORMWORK WORK TO BEAMS 3 DAYS
- f) PROPS TO BE REFIXED IMMEDIATELY AFTER REMOVAL OF FORMWORK 1-7 DAYS
- g) PROPS TO SLABS: 7 DAYS
- h) SPANNING UP TO 4.5M 12 DAYS
- i) SPANNING OVER 4.5M 14 DAYS
- j) SPANNING OVER 4M 14 DAYS
- k) SPANNING OVER 3M 14 DAYS
- l) CURING FOR R.C.C. MEMBER MINIMUM 14 DAYS CONTINUOUSLY PREFERABLE - 28 DAYS. & START EARLY CURING TO AVOID SHRINKAGE CRACKS. WHEN CONCRETE APPEARS TO HARDEN, PROVIDE FOLLOWING SLUMP IN CONCRETE GEN-ERALLY.
- m) SHALLOW SECTION'S PAVEMENTS
- n) LIGHT REINFORCEMENT
- o) SECTION IN SLAB, BEAM, WALL, COLLUMN 25-75
- p) HEAVILY REINFORCEMENT SECTION IN SLAB 50-100
- q) HEAVILY REINFORCEMENT SECTION IN BEAMS, WALLS, COLLUMNS SLIPFORM, ON 75-100
- r) TRENCH FILL, PILLING, PUMPED CONC. 100-150
- s) PROVIDE LAP / DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC. M30-40 M30-40 M30-30 M30-30

11) REFER RELEVANT DRG. WITH THIS DRG.

ARCHITECT
 ANAND KHADIA
 ARCH
 412, SAINAGAR, JAIL ROAD
 RAIPUR, (C.G)
 PH:- 2525760, MOBILE:-94255-05761

STRUCTURAL DESIGNERS
 PRASHANT K. BANI
 B.E. (STRU.), A.M.I.E., F.I.V.
 COMPUTER AIDED STRUCTURAL DESIGNERS

PROJECT NAME AND ADDRESS-

GODOWN FOR LAGRU
 VANOPAI BARKARI SAMITI
 KARYALAY (C.G)

DRAWING-08

DRAWN BY - SUNIL

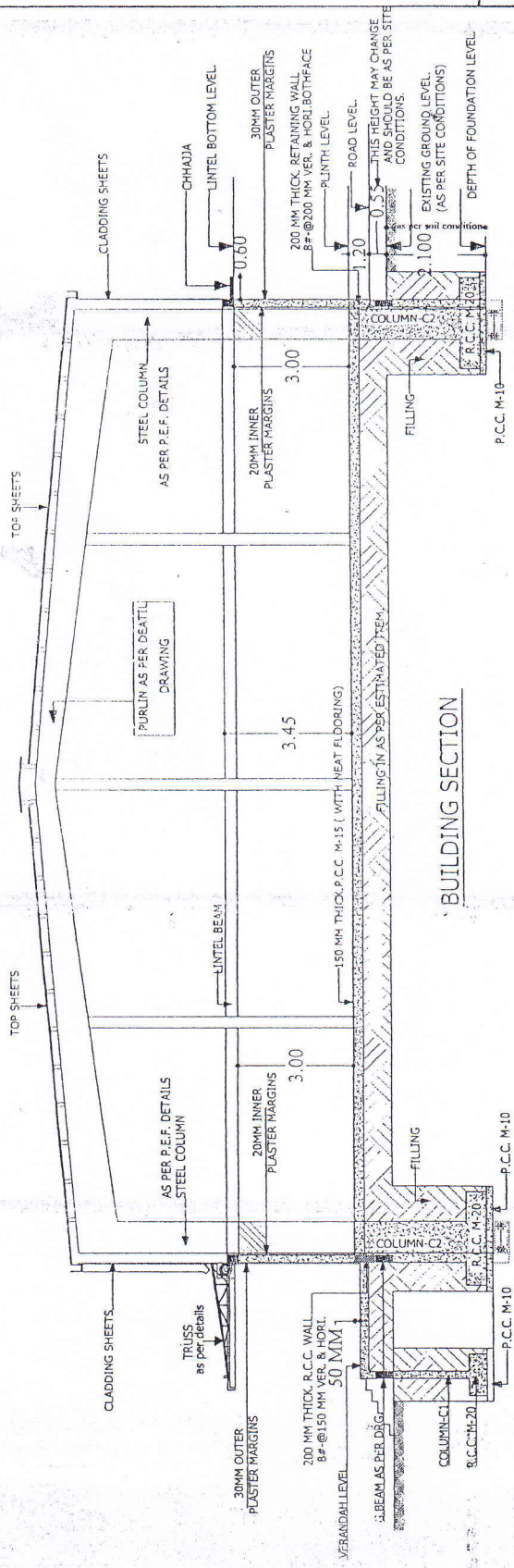
CHECKED BY- ANAND

DATE - 04-12-2020

SCALE S. TM.

(EXISTING ROAD LEVEL)

FOUNDATION PLAN FOR IS 17500 (S.D.S.)



BUILDING SECTION

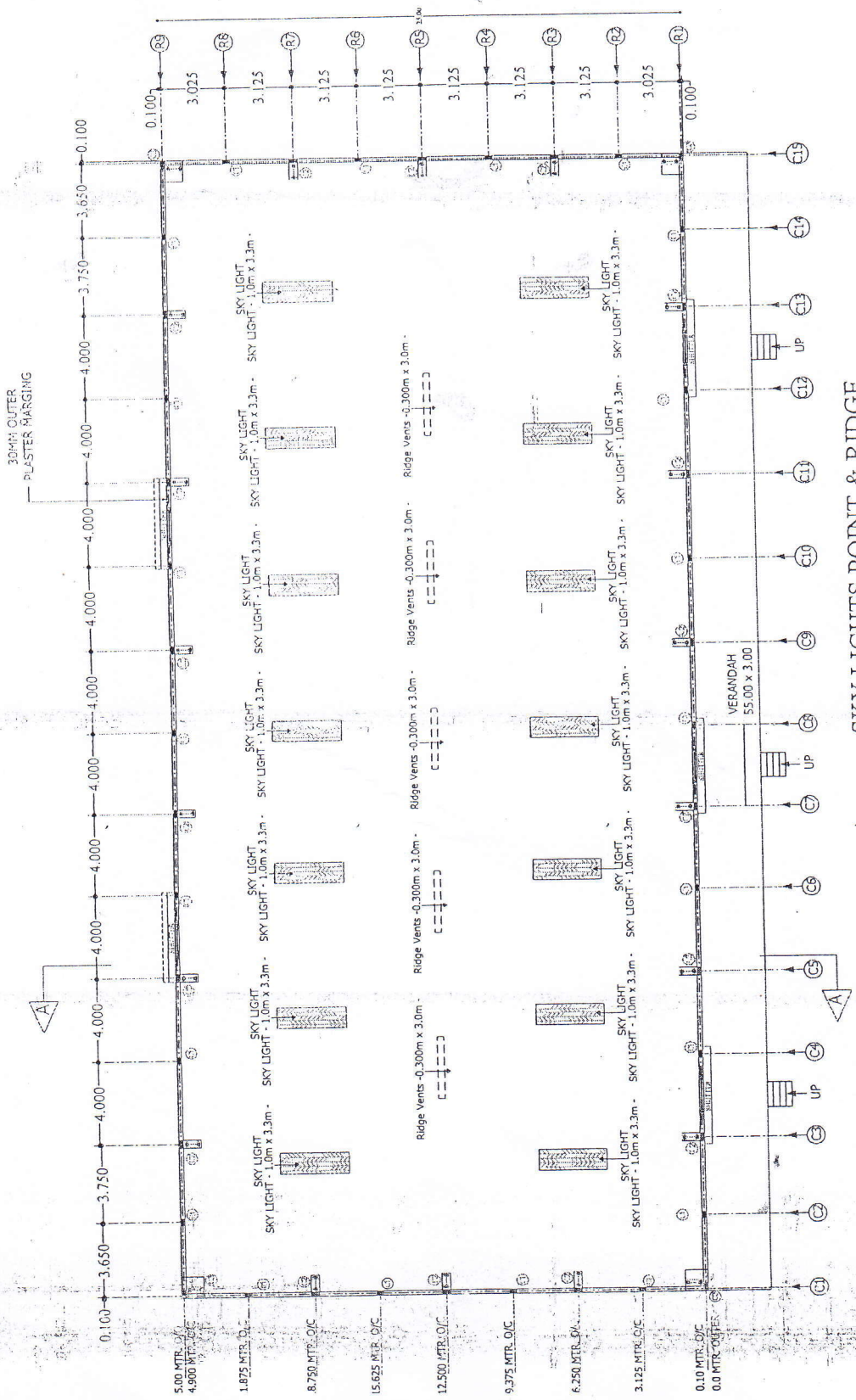
1. STRIPPING TIME FOR SHUTTERING: FORMWORK TO BE REMOVED IMMEDIATELY AFTER THE SETTING OF CONCRETE.
2. FOLLOW UP WORK FOR R.C.C. WORK: MINIMUM PERIOD BEFORE STRIKING: TYPE OF WORK
3. VERTICAL FORMWORK TO COLUMN, WALLS, BEAM: 18-24 HOURS
4. SLAB: 24 HOURS TO 48 HOURS
5. PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK
6. SOFFIT FORMWORK TO BEAMS (PROPS TO BE REMOVED IMMEDIATELY AFTER REMOVAL OF FORMWORK): 3 DAYS
7. PROPS TO SLABS: 7 DAYS
8. SPANNING OVER 4.5M: 14 DAYS
9. PROPS TO BEAMS & ARCHES: 11) SPANNING UP TO 6M: 21 DAYS
- 10) SPANNING OVER 6M: 28 DAYS
11. CURING FOR R.C.C. MEMBER MINIMUM 14 DAYS CONTINUOUSLY PREFERABLE 28 DAYS.
12. START EARLY CURING TO AVOID SHRINKAGE CRACKS, WHEN CONCRETE APPEARS TO HARDEN.
13. PROVIDE FOLLOWING SLOPE IN CONCRETE CEN. 1) 1% SLOPE IN WALLS, PAVEMENTS 2) 2% SLOPE IN SLAB, BEAM, WALL, COLUMN 3) 3% SLOPE IN MASS CONCRETE 4) 4% SLOPE IN HEAVILY REINFORCED SECTION IN SLAB 5) 5% SLOPE IN WALLS, WALLS, COLUMNS, SLURFERS, OR PAVED CONC. 6) 6% SLOPE IN TRENCH FILL, PUMPED CONC. 7) 7% SLOPE IN TRENCH FILL, DEVELOPMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC. 8) 8% SLOPE IN MASS CONCRETE 9) 9% SLOPE IN MASS CONCRETE
14. REFER RELEVANT DRG. WITH THIS DRG.

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PROJECT NAME AND ADDRESS:-
GODOWN FOR LAGHU
VANPAJ SAHKARI
SAMITI KARYALAY (C.G.)

DRAWN BY - SUNIL	DRAWING-07
CHECKED BY- ANAND	
DATE - 04-12-2020	
SCALE	S.T.N.



SKY LIGHTS POINT & RIDGE VENT PLAN

- ASTRIPPING TIME FOR SHUTTERING / FORMWORKS UNDER NORMAL CONDITIONS FOR R.C.C. WORK FOLLOWING PERIODS FOR MINIMUM PERIOD BEFORE STRIKING FORM WORK
- a) VERTICAL FORMWORK TO COLUMN, WALLS, BEAM 16-24 HOUR
 - b) SOFFITS FORMWORK TO SLABS, PROPS TO BE REPTED, IMMEDIATELY AFTER REMOVAL
 - c) FORMWORK TO BEAMS, PROPS TO BE REPTED IMMEDIATELY AFTER REMOVAL OF FORMWORK
 - d) PROPS TO SLABS 7 DAYS
 - e) SPANNING UP TO 4.5M 14 DAYS
 - f) PROPS TO BEAMS & ARCHES: 1) SPANNING UP TO 6M 21 DAYS 2) SPANNING OVER 6M 28 DAYS
 - g) CURING FOR R.C.C. MEMBER MINIMUM 14 DAYS CONTINUOUSLY CURING TO AVOID SHRINKAGE CRACKS WHEN CONCRETE APPEARS TO HARDEN
 - h) PROVIDE FOLLOWING SLUMP IN CONCRETE GENERALLY
 - i) SHALLOW SECTIONS, PAYEMENTS, MASS CONC LIGHT REINFORCEMENT IN SLABS
 - j) SECTION IN SLABS REINFORCEMENT SECTION IN SLAB
 - k) HEAVILY REINFORCEMENT SECTION IN BEAMS, WALLS, COLUMNS SUPPORT, OR PUMPD CONC. 75-100
 - l) TRENCH FILL, FILLING, PUMPD CONC. 100-150
 - m) PROVIDE LAP DEVELOPMENT WITH IN REINFORCEMENT BARS GRADE OF CONC. N30-470 N25-410 N20-380
- 11) REFER RELEVANT DRG. WITH THIS DRG.

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VANOPAJ SAHKARI
SAMITI KARYALAY (C.G.)

DRAWN BY - SUJIL	DRAWING-10
CHECKED BY- ANAND	
DATE - 04-12-2020	
SCALE	S.T.M.

Section III

INSTRUCTIONS TO BIDDERS AND GENERAL CONDITIONS OF CONTRACT

2. Background:-

- 2.1 This tender is invited for Procurement including Designing, Fabrication and Commissioning of PEB and Profile Galvalume or Galvalume colour coated steel Sheets for proposed Godowns in **Ambikapur** under construction godown under **Surguja** Forest Division.
- 2.2 The tender will be accepted subject to the terms and conditions mentioned in this tender form.

3. Earnest Money Deposit (EMD):-

- 3.1 Demand draft of the amount shown as EMD to each tenderer, payable at State Bank of India/Other nationalized Banks of _____ in the name of Managing Director, District Minor Forest Produce Co-operative Federation Limited Surguja , need to deposit.
- 3.2 The Bidder shall furnish, as part of the Bid, Earnest Money Deposit (EMD), of Rs 15,60,000/- Bid not accompanied by EMD shall be liable for rejection as non-responsive.
- 3.3 EMD of bidders whose bids are not accepted will be returned within 30 working days of the decision on the bid. No interest will be paid on the EMD amount.
- 3.4 EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement (Draft supplier's agreement is annexed as **Annexure H**) after furnishing the required Performance Security.
- 3.5 Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.

4. Qualification Criteria:-

4.1 Technical eligibility

4.1.1

- i. The tenderer should have a registered company/ Legal entity/ Society.
- ii. The tenderer must have at least three years of work experience related to manufacturing/authorized dealer/supplier of Pre Engineering Building.

4.1.2 Technical Experience of having successfully completed **similar works** during last 3 years ending last days of month, previous to the one in which application are invited , should be either of the following:

- a) One similar work costing not less than, 100% of the total estimated cost of the project;

Or

- b) Two similar works costing not less than, 75% of the total estimated cost of the project;
- Or
- c) Three similar works costing not less than, 50% of the total estimated cost of the project.

(Note: Details regarding the similar works to be attached as per Performa mentioned in Annexure D.)

- 4.2 The vendor should have its own PEB manufacturing facility/Plant/authorized dealer/supplier or should be an authorized and the vendor has to submit the valid documents (firm registration copy) in support of the same.

4.3 Financial eligibility

- 4.3.1 The tenderer shall have an average turnover of minimum **Rs 10,40,00,000/- (Ten Crore, Forty Lakhs)** (2 times of the estimated project cost) in the last three financial years as per **Annexure F**. For the purpose of this clause joint ventures (JV) will not be considered.

- 4.3.2 Tenderer is required to submit Audited balance sheet of last 3 year duly certified by CA.

4.4 Other Essential Qualifications:

- 4.4.1- Only tenders of firms registered under Goods and Services Act, 2017 will be accepted. For this, GST Certificate shall be attached.

5. Cost of tender form, method of receipt of tender and documents to be attached:

- 5.1 The value of the tender form is 5000/-payable through demand draft in the name of Managing Director District Minor Forest Produce Co-operative Federation Limited **Surguja** The DD shall be submitted along with the tender form to be enclosed in envelope no.1 along with other records. Tender form can either be obtained from the office of Managing Director District Minor Forest Produce Co-operative Federation Limited or can be downloaded from the website **www.cgmpfed.org**.
- 5.2 Tender will be submitted by 5 PM on the date as mentioned in NIT and Technical Bid will be opened on the **Next day at 12 PM in the** presence of the tenderer / his representative by the undersigned or the officer appointed by him.
- 5.3 Tender will be received by Registered Post (A.D.) Speed Post or authorized courier in P&T Department or can be deposited in the prescribed Tender Box kept in the Divisional Office within the stipulated time.
- 5.4 Tenders sent by post or courier received within the stipulated time will only be considered. The department will not be responsible for any postal delay. Tenders received after the due date shall not be accepted under any circumstances.
- 5.5 The tenderer shall submit Affidavit to declare the correctness of the information furnished by the tenderer (duly notarized) as per **Annexure-E**
- 5.6 **Technical Bid submission**
Tender will be submitted in two envelopes. In the first envelope in block letters "ENVELOPE NO- 1, will be written. Following documents must be attached inside this envelope:

1. Affidavit as per **Annexure E**
2. Planning of PEB drawing design and specification, testing & commissioning..
3. GST Certificate.
4. Certificate of incorporation of the company/ partnership deed of partnership firm/any other document of registration of the firm/individual.
5. Certificate of authorized manufacturer/authorized dealer/supplier.
6. Self attested copy of either design of PEB (duly approved by NIT/IIT) or undertaking to submit approval of the same.
7. Tender document fee of Rs 5000/-in form of DD/FDR.
8. Audited Balance sheet of last 3 years i.e 2017-18, 2018-19 and 2019-20
9. Details regarding the similar works to be attached as per **Annexure D**
10. **Earnest Money Deposit of Rs. 15,60,000/- in form of DD**

(Note: Details regarding the similar works to be attached as per Performa mentioned in Annexure D.)

5.7 **Financial Bid submission**

1. This envelope shall contain the financial bid in prescribed format **Annexure C** and it shall invariably be submitted in a separate envelope on due date as mentioned in NIT.
 2. It is mandatory to have the name and signature of the tenderer in all pages of the tender form from 01 to -- pages. The tender is liable to be rejected if any page is not signed.
- 5.8 Any tender received after the stipulated date and time will not be opened and will be returned.
- 5.9 After due verification of the EMD & other documents the financial bids (Envelope-2) of only those tenderer whose EMD is in appropriate mode/amount and after evaluation of technical bid as per the condition 5.6 of tender document.
- 5.10 All over writings should be neatly scored out and rewritten and corrections should be duly attested prior to the submission of the tender.
- 5.11 If there is any difference between the amount in words and figures written in the tender forms by the contractor the lesser amount will be treated as valid. If the contractor is not ready to accept the amount to fix in the above manner and declines to do the work, earnest money deposit of the contractor shall be forfeited.
- 5.12 Each tenderer shall supply the name, residence and place or business of the person or persons giving the tender and shall be signed by the tenderer with his usual signature (as per **Annexure B**). When tender is given by partnerships the full names of all partners shall be furnished. An attested copy of the constitution of the firm and the registration number of the firm shall be furnished. In such a case the tender must be signed separately by each partner thereof or in the event of the absence of any partner it must signed on his behalf by a person holding a power of attorney authorising him to be so. Tenders by a corporation shall be signed with the legal name of the corporation followed by the name of the stage of incorporation and by signature and by designation of the president, secretary or other persons authorised to bind it in the matter.

6. **Supply Material & Fitting Details:**

- 6.1 For all the materials to be supplied, the successful tenderer will have to work according to the approved design and parameter and the criteria shown in Annexure "A" and it will be the duty of the successful tenderer to make the PEB on the basis of actual measurement as per site condition of the godowns under construction and also will do their fitting and testing after construction and will bring them in position which will be inspected by the Managing Director, District Minor Forest Produce Co-operative Federation Limited **Surguja** or officer appointed by him for this purpose, at the construction site.
 - 6.2 It will be mandatory for the successful tenderer to supply all the materials and fittings of the godown construction at site within the stipulated period (three month) as shown in the work order. In the event of non-supply of materials within the stipulated period, the work will be done from other suppliers and if the cost of such work is more than the tender rates, then it can be recovered from the Performance Guarantee of the successful tenderer for which the tenderer himself will be responsible. As well as if the amount of excess expenditure is more than the amount of his deposit, then the remaining amount can be recovered from the tenderer as land revenue as per rules, and the name will be registered in the blacklist for 01 year.
 - 6.3 It will be mandatory to give material rate and GST rates separately. as per **Annexure C**
 - 6.4 All taxes, cess, royalty on the cost of the material will be borne by the tenderer and also all the handling charges on loading/unloading and stacking etc will have to be borne by the tenderer.
 - 6.5 The entire quantity of the material for which the order will be issued, its full quantity will have to be supplied and fitted. Managing Director, District Minor Forest Produce Co-operative Federation Limited **Surguja** has full right to get full or part of the fulfilment done or cancel it at any time without assigning any reason.
7. **Opening of Tenders:**
- 7.1 Tenders received on or before the stipulated date and time will be opened in front of the tenderers or their authorized representatives present on the date/time fixed for opening the tender.
 - 7.2 Envelope number-1 containing the EMD will be opened first and after having all the records shown in clause 5.7 and after the acceptance of the PEB design submitted by the tenderer, the envelope 2 will be opened.
 - 7.3 The envelope 2 (**Annexure C**) containing tender rates of the tenderers will be opened in front of the present tenderers /representatives and after making a comparison sheet of the rates received, the signatures of the tenderers/representatives present will be obtained.
8. **Work after opening of tenders:**
- 8.1 The tenderer whose rates are lowest among the tenderers selected will be accepted.
 - 8.2 The rates thus accepted will be applicable for a period of six months from the date of acceptance.
 - 8.3 While filling the rates of tender by the tenderer, the rates shall be filled as per the **Annexure-C**.

- 8.4 The rates of the successful tenderer will be approved as per the conditions mentioned above and Work order will be issued.
- 8.5 If the material is not found to be of standard quality after verification, the supplier will have to lift the material at his own cost. The Managing Director, District Minor Forest Produce Co-operative Union Limited **Surguja** will not be responsible for the expenditure incurred in this and the equipment of standard quality will have to be used and only after this payment can be made.

8.6 PAYMENT TERMS

Description	Amount
Mobilization Advance against Bank Guarantee	10% of total cost
After Receive of Structural Material	50% of total cost
After Receive of Sheeting Material	10% of total cost
After Installation at site	25% of total cost
After release of Completion Certificate by authorized signatory	5% of total cost

- 8.7, 8.8. Material Testing Certificate (MTC) of the material brought to site shall be duly tested at the manufacturing facility and the MTC shall be provided along with supply of material.

NOTE:-1 Mobilization advance will be released after receive of bank Guarantee in favour of M.D. Jila Union Laghu Vanopaj.

NOTE:-2 Payment on the supplier of material shall only be made only if the material is supplied along with MTC.

NOTE:-3 Random sample of the supply of material shall be taken and send to reputed NABL Lab for testing. Full payment against the supply of all material at site it supposed to be made only after the material passes the test. However 75% of the payment due against supply of materials shall be made if the MTC is as per specification, pending the submission of test report.

NOTE:-3 the additional cost of material required for sample testing will be borne by the supplier and shall be included in the quote submitted.

NOTE:-4 If either the material supplied at site or the workmanship is not as per standards and the supplier dose not rectify the same within one month of notice it will be considered as breach of contract and action as suitable, will be taken. The decision of Managing Director, District Minor Forest Produce Co-operative Federation Limited, **Surguja** will be final.

- 8.9 If required, the right of negotiation on the rates received will be with the concerned Managing Director, District Minor Forest Produce Co-operative Federation Limited, **Surguja** This negotiation will be done with the lowest rate tenderer, as per rule.
- 8.10 Before issuance of supply order to successful tenderer and within 01 week after approval of tender rate the agreement will have to be executed on the stamp paper of Rs.100/- for which the format is attached (**Annexure H**). In the event of non-execution of the agreement within the stipulated period, the accepted tender will

be cancelled as well as the EMD amount of the tenderer will be forfeited in favour of the Managing Director, District Union and tenderer will be blacklisted for a period of 01 year.

9. Tender Period:

The period fixed for the design, supply and installation will be for Five month and which can be extended once by the Managing Director, District Union. The supplier will have to deliver it to all the designated places and in case of non-supply of the material within the prescribed period, action will be taken as per the condition number-8.2.

10. Compensation for delay:

If the work is not completed within the stipulated period of Five months and the extended time (if any), the supplier will be liable to pay 0.5% of the project cost per week as compensation of delay. At any cost compensation cannot be more than 2% of the cost.

11. Right of Cancellation:

The Managing Director, District Forest minor Produce Co-operative Federation Limited, Surguja will have the right to cancel any part or whole of the tender without assigning any reason.

12. FRAUD AND CORRUPT PRACTICES

12.1 The Bidders and their respective officers, employees, agents and advisers shall observe the highest standard of ethics during the Bidding Process and subsequent to the issue of the LOA and during the subsistence of the supplier Agreement. Notwithstanding anything to the contrary contained herein, or in the LOA or the supplier Agreement, the Authority may reject a Bid, withdraw the LOA, or the Authority may terminate the supplier Agreement, as the case may be, without being liable in any manner whatsoever to the Bidder or Operator, as the case may be, if it determines that the Bidder or Operator, as the case may be, has, directly or indirectly or through an agent, engaged in corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice in the Bidding Process. In such an event, the Authority shall be entitled to forfeit and appropriate the Bid Security or Performance Security, as the case may be, as Damages, without prejudice to any other right or remedy that may be available to the Authority under the Bidding Documents and/ or the supplier Agreement, or otherwise.

12.2 Without prejudice to the rights of the Authority under Clause 12.1 hereinabove and the rights and remedies which the Authority may have under the LOA or the SUPPLIER Agreement, or otherwise if a Bidder or Operator, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice, fraudulent practice, coercive practice, undesirable practice or restrictive practice during the Bidding Process, or after the issue of the LOA or the execution of the supplier Agreement, such Bidder or Operator shall not be eligible to participate in any tender or tender document issued by the Authority during a period of 2 (two) years from the date such Bidder or Operator, as the case may be, is found by the Authority to have directly or indirectly or through an agent, engaged or indulged in any corrupt practice,

fraudulent practice, coercive practice, undesirable practice or restrictive practices, as the case may be.

12.3 For the purposes of this Clause 12, the following terms shall have the meaning hereinafter respectively assigned to them:

- a) "corrupt practice" means (i) the offering, giving, receiving, or soliciting, directly or indirectly, of anything of value to influence the actions of any person connected with the Bidding Process (for avoidance of doubt, offering of employment to or employing or engaging in any manner whatsoever, directly or indirectly, any official of the Authority who is or has been associated in any manner, directly or indirectly, with the Bidding Process or the LOA or has dealt with matters concerning the supplier Agreement or arising there from, before or after the execution thereof, at any time prior to the expiry of one year from the date such official resigns or retires from or otherwise ceases to be in the service of the Authority, shall be deemed to constitute influencing the actions of a person connected with the Bidding Process); or (ii) save and except as permitted this RFP, engaging in any manner whatsoever, whether during the Bidding Process or after the issue of the LOA or after the execution of the supplier Agreement, as the case may be, any person in respect of any matter relating to the Project or the LOA or the supplier Agreement, who at any time has been or is a legal, financial or technical adviser of the Authority in relation to any matter concerning the Project;
- b) "fraudulent practice" means a misrepresentation or omission of facts or suppression of facts or disclosure of incomplete facts, in order to influence the Bidding Process;
- c) "coercive practice" means impairing or harming, or threatening to impair or harm, directly or indirectly, any person or property to influence any person's participation or action in the Bidding Process;
- d) "unfair practice" means (i) establishing contact with any person connected with or employed or engaged by the Authority with the objective of canvassing, lobbying or in any manner influencing or attempting to influence the Bidding Process; or (ii) having a Conflict of Interest; and
- e) "restrictive practice" means forming a cartel or arriving at any understanding or arrangement among Bidders with the objective of restricting or manipulating a full and fair competition in the Bidding Process.

ANNEXURE – A
STANDARD MATERIAL SPECIFICATIONS

A. PREFABRICATED STEEL BUILDING

- Build up Area 55.0mts.x 25.0 mts = 1375.00 sqm.
- Canopy Area 55.0 mts.x 3.3 mts = 181.5 sqm. (At +3.0 mts. Level from plinth level)
- Providing, Supplying, Designing and Erection of PREFABRICATED STEEL BUILDING - HSN CODE - 9406 in site.
- THE BUILDING WILL BE MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING CODES:-
- IS 800-2007
- AWS D1.1 Structural Welding Code.
- MBMA Manual for Fabrication Tolerances.

B. PRODUCT SPECIFICATIONS :-

1. PRIMARY MEMBERS:-

Primary structure framing shall include the transverse rigid frames, lean-to-rafters and columns, canopy rafters, interior columns (beam and column frames) bearing frame rafters and corner columns and end wall wind column.

2. SECONDARY MEMBERS:-

Secondary structural framing shall include the purlins, girts eave struts, wind bracing, flange bracing, base angles, clips and other miscellaneous structure parts.

3. PAINT OF STRUCTURAL MEMBERS:-

All structural members shall be cleaned by wire brushing to remove dirt, grease, oil and loose mill scale and given one shop coat of red oxide, air drying, phenol modified alkyd resin primer. Two coat of synthetic enamel paint. (Total 75 DFT). Colour- Mouse grey RAL7005 or equivalent.

4. CONNECTIONS:-

- All field connections shall be bolted (Unless otherwise noted).
- Primary bolted connections shall be furnished with high strength bolts conforming to the physical specifications of ASTM A325 (or equivalent).
- Secondary bolted connections shall be furnished with machine bolts conform to the physical specifications of ASTM A307 (or equivalent)

5. PHYSICAL SPECIFICATIONS OF STRUCTURAL MEMBERS:-

- Member fabricated from plate or bar stock shall have flanges and webs jointed on one side of the web by a continuous welding process using SAW welding and will conform to the physical specifications of ASTM A570 (Grade 50) or equivalent and having a minimum yield strength of 50,000 P.S.I. (345 MPa).

- Members fabricated by cold forming process shall conform to the physical specifications of ASTM A570 (grade 50) or equivalent and having a minimum yield strength of 50,000 P.S.I. (345 MPa).
- Members fabricated from hot rolled structural shapes shall conform to the physical specifications of ASTM A572 (grade 36) or equivalent and having a minimum yield strength of 36,000 PSI (250 MPa).
- Rod and angle bracing shall conform to the physical specifications of ASTM A36 (or equivalent) and having a minimum yield strength of 36,000 P.S.I. (250 MPa).
- Roof and wall cladding shall conform to the physical specifications of ASTM A653 grade 50 (or equivalent) and having a minimum yield strength of 50,000 P.S.I. (345 MPa).
- All other miscellaneous secondary members shall have minimum yield strength of 36,000 P.S.I. (250 MPa).

6. ROOF SHEETING /WALL SHEETING :-

- Roof and wall panels shall be of 26 gauge thick profile galvalume or galvalume color coated steel sheet.
- In case of pre-painted galvalume panels, the exterior face is pre-painted with 1 mil. thick factory applied polyester paint. The interior face is pre-painted with 0.5 mil. thick factory applied polyester paint.
- Each panel shall provide one meter coverage and can be shipped in any length up to 10 m. color of exterior and interior faces shall be white/grey or as directed. Other materials, thicknesses and coating are available upon request.
- The Roof and Wall cladding material shall conform to ASTM A792 and the galvalume coating to ASTM-A792-AZ150. The yield strength of material shall be 550 MPa. In case of KSS type of sheeting the yield strength shall be 300 MPa (minimum).

7. SHEETING FASTENERS:-

- Standard fasteners shall be No. 14, Type A, self-tapping sheet metal screws with metal and neoprene washers. All screws shall have hexagonal heads, be color coated to match roof and wall sheeting and made of zinc plated steel.

8. SEALER/ROPE SEAL:-

- This is to be applied at all side laps and end laps of roof panels and around self flashing windows. Sealer shall be 6mm wide x 5mm thick, asbestos fiber filled, pressure sensitive butyl tape. The sealer shall be non asphalted, non shrinking, non drying and non toxic and shall have superior adhesion to metals, plastic and painted surfaces at temperatures from - 51 deg. 'C' to +104 deg. 'C'.

9. CLOSURES / FILLER STRIPS:-

- Solid or closed cell E.T.P. (Ethylene polypropylene Terpolymer) closures matching the profile of the panel shall be installed along the eaves, rake and other locations specified on drawings.

10. RIDGE CAP:-

- A formed panel matching the material color, slope and profile of adjoining Rib roof panels.

11. FLASHING AND TRIM:-

- Flashing and/or trim shall be furnished at the rake, corners, eaves framed openings and wherever necessary to provide weather tightness and finished appearance. Color shall be white for rake and eave flashings and color of wall for corner flashings unless otherwise specified by client from one of the standard range of colors. Material shall be 26 G thick conforming to the physical specifications of ASTM A446 Grade C or equivalent and having minimum yield strength of 40,000 P.S.I. (275 MPa).

12. EAVE GUTTERS AND DOWNSPOUTS:-

- Eave gutters shall be box shaped, color coated, and 0.5mm nominal thickness (26 gauges) galvanized steel. The outside face of the gutter shall be supported with color coated 0.5 mm nominal thickness (26 gauge) galvanized straps to the eave member at a maximum spacing of 1.2 m
- Downspouts shall be rectangular shaped, color coated and 0.5mm nominal thickness (26 gauge) galvanized steel. Downspouts shall have a 45 degree elbow at the bottom and shall be supported by attachment to the wall covering at 3.0 m maximum spacing.

13. FIBERGLASS INSULATION :- Deleted

14. ANCHOR BOLTS :-

- These are normally supplied prior to the delivery of pre-Engineered building.

C. BASIC BUILDING DESCRIPTION :-

- A. Frame type - RF
- B. Width (m) - 25.00 m o/o
- C. Length (M) - 55.00 m o/o
- D. Eave height (M) - 6.00 M clear.
- E. Roof slope - 1:10
- F. Bay spacing (m) -1@7.50 M+5@8.00M+1@7.50M.
- G. Wind bracing - Pipe Bracing.
- H. Roof cladding -26 GA bare Galvalume High tensile profile.
- I. Wall cladding - 26 GA colour Galvalume high tensile profile sheet.
- J. Opening at front side wall - 3.0 M height brick wall and above sheeting.
- K. Opening at back side wall - 3.0 M height brick wall and above sheeting.
- L. Opening at left end wall - 3.0 M height brick wall and above sheeting.
- M. Opening at right end wall - 3.0 M height brick wall and above sheeting.
- N. Eave gutters - Included.
- O. Downspouts - Included.

D. BUILDING ADDITIONS

- A. canopy location/description - 3.3M x 55.0 M - 01No. On Verandah at 3.0M level above plinth level on the front side.

E. STANDARD BUILDING ACCESSORIES

- A. Sky lights - 1.0m x3.305m - 14 Nos. on the – Roof
- B. Ridge Vents - 0.300m x 3.0m - 05 nos. on the – Roof

F. STEEL WORK FINISH

- A. Frames, Built-up / HR sections / Bracings - Red oxide 01 coat synthetic enamel paint in plant and 2nd coat paint material for site application Total 75DFT. Colour mouse grey RAL 7005 or equivalent.
- B. Purlins / Girts - G.I.Finish. G.I.-IS277-2018 or equivalent. Red oxide, 01 coat synthetic enamel paint in plant and 2nd coat paint material for site application (Total 75DFT)
- C. Anchor bolts –IS2062:2011 Grade E250 or equivalent with one coat of epoxy primer.

G. DESIGN LOADS

- A. Dead load on Roof - Self weight
- B. Roof live load on purlin - 0.75 KN/m²
- C. Roof live load on frames - 0.75 KN/m²
- D. Wind load - 44 M/S
- Rates should be all inclusive i.e. Taxes, transportation, installation etc. P.E.B. structure should be certified by N.I.T. or I.I.T. by Contractor along with the stability certification.

BUILDING DESCRIPTION	
Building Width(m) C/C	25.00 MTS.
Building Length (m) C/C	55.00MTS.
Clear Height (m)	6.00MTS.
Description	Tentative Weight in MT
PRIMARY MEMEBERS+MISC ITEMS.	31.63
SECONDARY MEMEBERS	12.11
ROOF SHEETING	8.98
WALL SHEETING+MISC ITEMS.	4.22
Estimate Weight with Variation of +/- 4%	56.94

Note: The above mentioned weight of described materials is tentative and may vary as per design.

Testing:-

1. Destructive testing, (i.e. at NABL approved lab testing)
2. Non-destructive testing. (i.e. Dye penetration test)/Magnetic Particle Test (i.e. MPT)
3. Radiography/Ultrasonic of the Butt weld joints as per applicable code.

ANNEXURE – B
STRUCTURE AND ORGANIZATION

1. Name and address of the applicant
2. Telephone No./Fax No./ E-mail ID
3. Legal Status (Attached copies of original document defining the legal status)
The applicant is a
 - (a) Individual
 - (b) Proprietary firm
 - (c) Firm in Partnership
 - (d) Limited Company or Corporation
4. Particulars of registration with various Governments
Bodies
(Attached attested Photocopy)
Organisation / Place of Registration

Registration Number
 - (i)
 - (ii)
 - (iii)
5. Names and Title of Directors and Officers with designation to be concerned with this work with designation of individuals authorized to act for the organization.
6. Were you ever required to suspend construction for a period of more than six months continuously after you commenced the work ? If so, give the name of the project and give reasons thereof.

7. Have you or your constituent partner in case of partnership firm, even left the work awarded to you incomplete ? (If so, give name of the project and reasons for not completing the work).
8. Have you or your constituent partner in case of partnership firm, been debarred / black listed for tendering in any Organization at any time? If so, give details.
9. Have you or any constituent partner in case of partnership firm, even been convicted by a court of law ? If so, give details.
10. In which field of PEB, you claim specialisation and interest ?
11. Any other information considered necessary but not Included above.

SIGNATURE OF BIDDER

ANNEXURE-C

FINANCIAL BID FORM

(The form containing the entry should be kept in the envelope number-02)

- District Minor Forest Produce Co-operative Union _____ for proposed PEB godown and Profile galvalume or galvalume colour coated steel Sheets work

Financial Bid Form

- The construction of PEB & Profile galvalume or galvalume color coated steel Sheets and fitting work for Proposed Godowns.

1. The name of Applicant/Applicant firm :

2. Full address (with mobile number) :

3. Full professional address of Applicant/Applicant firms (with mobile number) from where material will be procured :

S.N o.	Description	Rate	GST	Total
1.	Designing, construction, testing and commissioning of steel work in web flange structure as submitted design up to 55 mt x 25 mt span conforming to I.S. specification consisting of columns, trusses, roof and bottom purlins base plates, with Profile galvalume and Galvalume color coated steel Sheets with all its accessories. Other specifications shall be as per Annexure A			

Procurement/Work Place :-.....

Name of the Tenderer: _____

Signature of the Tenderer: _____

Certificate

I have read and understood fully all conditions of Tender and agreed to all conditions and Tender Rate has been entered accordingly. I will work according to tender conditions.

Name of the Tenderer: _____

Signature of the Tenderer: _____

Address : _____

Mobile Number: _____

ANNEXURE-D
INFORMATION REGARDING SIMILAR WORKS

Work/works completed as similar work completed by the tenderer

S.no	Project Name	Name of Employer	Value of contract	Contract No.	Date of Issue of Work Order	Stipulated Date of Completion	Actual Date of Completion	Value of work done
1	2	3	4	5	6	7	8	9

Note: (i) With reference to the above mentioned works attach the work completion certificates from Executive Engineer in case of Government, General Manager in case of PSUs shall be submitted. In case of work done for the private organizations provide copy of work order, client/agreement copy and copy of TDS certificate as proof of payment.

ANNEXURE E

AFFIDAVIT

I S/o
Aged years resident of
..... (address)

(For and on behalf of), do here by and
herewith solemnly affirm / state on oath that :-

1. All documents and information furnished are correct in all respects to the best of my knowledge and belief
2. I have not suppressed or omitted any information as is required.
3. I hereby authorize The Managing Director, District Forest minor Produce Co-operative Federation Limited, Officials to get all the documents verified from appropriate source(s).
4. I have gone through the complete procurement (installation, design and fabrication) of the PEB, bid document and submitting the quote for the bid after understanding all the scope of work.

Deponent

(.....)

Authorized signatory /

for and on behalf of

Supplier

(affix seal)

Verification

I S/o do here by affirm that
the contents stated in Para 1 to 3 above are true to the best of my knowledge and believe and are
based on my / our record.

Verified that this date of 200... at (Place)

Seal of attestation by a Public

Notary with date

Deponent

ANNEXURE F
FINANCIAL CAPACITY FORM

Name of Applicant Firm

The information regarding the turnover in the preceding financial years should be provided in the format below:

Particulars	2017-18	2018-19	2019-20	Average
Annual turnover (the "Financial Capacity") in the last 3 financial years of the Applicant firm as per certificate of CA / Statutory Auditor				

Signature of the
Authorized Signatory

Certificate of the Chartered Accountants/Statutory Auditors

Based on Audited Accounts and other relevant documents of _____ (name of bidder), we M/s _____, Chartered _____ Accountants/ Statutory Auditors, certify that the above information is correct.

Signature and Seal of
Chartered Accountants/Statutory
Auditors

ANNEXURE G
CHECK LIST OF ATTACHMENTS

^No.	Particular	Yes /No
1.	Envelope " A" shall contain	
a.	DD for Cost of Tender	
b.	DD for EMD and Alternative Drawing if any	
c.	Information Regarding Similar Work (Annexure-D)	
d.	Structure and Organization (Annexure-B)	
e.	Affidavit (Annexure- E)	
f.	Financial Capacity Form(Annexure- F)	
g.	Signed copy of the tender document	
h.	Audited balance sheet of last 3 year duly certified by CA.	
i.	Copy of GST Registration Certificate.	
j.	Relevant registration Certificate as per tender condition no-4.2	
k.	Certificate required to corroborate Annexure-D	
	2.Envelope"B" shall contain	
	Financial Bid " Annexure- C"	

Note:-Both Envelope A and Envelope B duly sealed shall be submitted in an outer envelope with the name of work and name of intending tenderer on it before the due date and time of submission as mentioned in the tender document.

ANNEXURE H
DRAFT SUPPLIER'S AGREEMENT

This agreement is executed on this Day of 202.. in the office of **District Minor Forest Produce Union Limited**, By and between the **Managing Director, District Minor Forest Produce Union Limited**,, (Address)....., registered under Chhattisgarh Cooperative Societies Act, 1960 here-in-after called the "**District Union**", which expression shall include its assigns and successors.

And

M/s....., (address)..... a company incorporated under Companies Act 1956 (now Companies Act 2013)/Partnership Firm/Proprietary Firm, acting through its, herein after referred as "**Supplier**", which expression shall include its assigns and successors.

Whereas District Union vide its Tender Notification No dated invited proposal for selection of Supplier for Procurement including Designing, Fabrication and Commissioning, of PEB for proposed Godowns and Profile galvalume or galvalume color coated Steel Sheet.

Whereas the Supplier submitted its proposal for the aforesaid work, whereby the Supplier represented to the District Union that it has required experience and resources to provide services to the District Union on the terms and conditions as set forth in the tender document and this agreement;

Whereas the District Union on acceptance of the aforesaid proposals of the Supplier issued its Letter of Acceptance ("LOA") dated

This Agreement shall be deemed to commence from the day of, 202....

I. This agreement witness as follows:

- i. Supplier will supply, including Designing, Fabrication and Commissioning, of PEB for proposed Godowns and Profile galvalume or galvalume color coated steel sheets. Sheet at the cost(as submitted by supplier in the financial bid and approved by District Union)
- ii. The tenderer declares that he/she has properly read and understood completely all the terms and conditions of the tender and the agreement have been fulfilled by him/her and bound to supply accordingly.
- iii. This agreement will be valid for a period of one year from the date of signing of the agreement. If the tenderer proposes to withdraw the tender or is withdrawn.

(breakout) before this stipulated time period, then the security deposited by tenderer will be forfeited by the Managing Director and the tenderer may be blacklisted.

- iv. This agreement will always be in conformity with the terms and conditions of the tender. It contains partial or prior interpretation of the terms and conditions of the tender.
- v. After all the ordered materials are supplied and received on the spot and verified by the gazetted officer, 50 percent amount will be paid and after coming to the position (Turn key) the balance amount will be paid and the amount of security deposit will be refunded.

2. CONFIDENTIALITY:

- i. As used herein, the term "Confidential Information" means any information, including information created by or for the other party, whether written or oral, which relates to internal controls, information concerning the business or financial affairs and methods of operation or proposed methods of operation, accounts, transactions, proposed transactions or security procedures of either party or any of its affiliates, or any client of either party, except such information which is in the public domain at the time of its disclosure or there-after enters the public domain other than as a result of a breach of duty on the part of the party receiving such information. It is the express intent of the parties that all the business process and methods used by the Supplier in rendering the services hereunder are the Confidential Information of the Supplier.
- ii. The Supplier shall keep confidential, any information related to this agreement, with the same degree of care as it would treat its own confidential information. The Supplier shall note that the confidential information will be used only for the purposes of this agreement and shall not be disclosed to any third party for any reason what-so-ever.
- iii. At all-time of the performance of the services, the Supplier shall abide by all applicable security rules, policies, standards, guidelines, and procedures. The Supplier should note that before any of its employees or assignees is given access to the Confidential Information, each such employee and assignees shall agree to be bound by the term of this agreement and such rules, policies, standards, guidelines and procedures by its employees or agents.
- iv. The Supplier should not disclose to any other party and keep confidential the terms and conditions of this Contract agreement, any amendment hereof, and any Attachment or Annexure hereof.
- v. The obligations of confidentiality under this section shall survive for five (5) years post rejection of the contract.

- vi. The Supplier must maintain absolute confidentiality of the documents/ Materials/ tools collected in any form including electronic media and any other data/information provided to him for the execution of the work.
- vii. The Supplier should not use the materials for any purpose other than the scope of work specified in the document and added/ amended before signing the contract.
- viii. If at any stage it is found that the Supplier is using the materials provided by the client any time during the contract execution for any other purposes, stringent legal action will be initiated as per applicable law of land and the contract will be terminated without assigning any reasons.

3. Performance Guarantee:

- i. The Supplier shall also be responsible for performance of work carried out by him for a period of 12 (Twelve) months beyond the completion of work for which performance security has to be furnished by him @ 5%(five percent)of amount of contract. For this purpose contractor has to submit to the District Union a Bank Guarantee of 10% amount of the value of work done on every running and final bill payable to him. If contractor fails to submit bank guarantee of 5% amount of the gross bill, then 5% amount of bill shall be deducted from his running and final bill payment. However, the contractor can get refund of such performance cash security amount deducted if he submits appropriate bank guarantee valid for the period as stated above or 12 (Twelve) months after actual completion. If require, the Managing Director shall ask the contractor to extend the validity period of the Bank¹Guarantee(s) for such period which he considers it proper and the contractor shall extend the validity period of such Bank Guarantee accordingly. If the contractor fails to extend the period accordingly, the Managing Director shall encash the B.G. before the expiry of the validity period.
- ii. The contractor shall have to carry out all necessary "Rectification" of defects noticed, caused due to any reasons at his own cost within such reasonable period mentioned in such communication notice from the MD, DU/DY Managing Director to him.
- iii. Failure of the contractor to rectify the defects properly in the given period, it shall be open for the MD, DU/DY Managing Director to get the defect(s) rectified either departmentally or through other agency (without calling any tender /quotation) and recover the actual cost plus 15 % (fifteen percent) of such cost from the contractor from any sum, in any form, and available with the department or can be recovered as "Arrears of Land Revenue"
- iv. After two years of completion of construction, 50% (fifty percent) of available performance Bank guarantee shall be returned to the contractor subject to the satisfaction of the MD, DU.
- v. Remaining performance Bank Guarantee as would be remaining (after recovery all cost plus 15% (Fifteen percent) for rectification of defects, if done by the department or through other agency) shall be returned after 3 years of completion.

The performance guarantee will be in addition to the normal security to be deducted as per clause 1 of agreement for the execution of contract.

- vi. The tenderer/contractor shall give in advance authority letter(s) in favour of the Managing Director, District Union 35specificati him to get all Bank's Fixed Deposit receipts, Bank Guarantees (either normal security deposit and or for performance security) to get these Bank Receipts and Guarantee deeds verified and got confirmed from the concerned Bank. It will be only after getting such confirmation that the MD, DU shall pay any amount accordingly or refund the equal amount for which BG submitted has been duly verified and confirmed.

4. PAYMENT TERMS

Description	Amount
Mobilization Advance against Bank Guarantee	10% of total cost
After Receive of Structural Material	50% of total cost
After Receive of Sheeting Material	10% of total cost
After Installation at site	25% of total cost
After release of Completion Certificate by authorized signatory	5% of total cost

5. TERMINATION CLAUSE

i. Right to Terminate the Process:

A. District Union reserves the right to cancel the contract placed on the supplier and recover expenditure incurred by District Union under the following circumstances: -

- a. The Selected agency commits a breach of any of the terms and conditions of the agreement.
- b. The Bidder goes into liquidation, voluntarily or otherwise.
- c. If deductions on account of liquidated damages/Penalty exceeds more than 10% (Ten Percent) of the total investment proposed in technical bid.
- d. In case the supplier fails to deliver the services as stipulated in the delivery schedule, District Union reserves the right to procure the same or similar services from alternate sources at the risk, cost, and responsibility of the supplier. However, all such recoveries shall be subject to a maximum of 10% of the value of the difference in cost of procurement of undelivered services.

- ii. District Union reserves the right to recover any dues payable by the Supplier from any amount outstanding to the credit of the Supplier, including the pending bills and/or invoking the bank guarantee under this contract.

- iii. Federation reserves the right to terminate the contracts, if the Supplier enters into a Joint Venture with a third party, for the work and responsibilities defined as such in the document.

6. CONSEQUENCES OF TERMINATION

- i. In the event of termination of the Contract due to any cause whatsoever, [whether consequent to the stipulated term of the Contract or otherwise], District Union shall be entitled to impose any such obligations and conditions and issue any clarifications as may be necessary to ensure an efficient transition and effective business continuity of the Service(s) which the Supplier shall be obliged to comply with and take all available steps to minimize loss resulting from the termination/breach, and further allow the next successor Supplier to take over the obligations of the erstwhile Supplier in relation to the execution/continued execution of the scope of the Contract.
- ii. The District Union shall forfeit the performance security in consequence to termination of contract for any valid reasons mentioned herein.
- iii. Nothing herein shall restrict the right of District Union to invoke the Bank Guarantee and other guarantees, securities furnished, enforce the Deed of Indemnity and pursue such other rights and/or remedies that may be available to District Union under law or otherwise.
- iv. The termination hereof shall not affect any accrued right or liability of either Party nor affect the operation of the provisions of the Contract that are expressly or by implication intended to come into or continue in force on or after such termination.

7. SUPPLIER'S LABOUR REGULATIONS.

The Supplier shall pay not less than fair wage to Labourers engaged by him in the work.

Explanation:

- a) "Fair Wages" means wages whether for time or piece work as notified at the time of inviting tenders for the works and where such wages have not been so notified the wages prescribed by the Labour Department for the division in which the work is done.
- b) The Supplier shall, notwithstanding the provisions of any contract to the contrary, cause to be paid a fair wage to labourers indirectly engaged on the work including any labour engaged by his sub-contractors in connection with the said work as if labourers had been immediately employed by him.
- c) In respect of all labour directly or indirectly employed on the works on the performance of his contract, the contractor shall comply with their cause to be complied with the labour act in force.

- d) The Managing Director shall have the right to reduce from the money due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers by reason of non-fulfilment of the conditions of the contract for the benefit of the workers, non-payment of wages or the deductions made from his or their wages, which are not justified by the terms of the contract or non-observance of regulations.
- e) The Supplier shall be primarily liable for all payments to be made under and for the observance of the regulations aforesaid without prejudice to his right to claim indemnity from his sub-contractors.
- f) The regulations aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be breach of this contract.
- g) The Supplier shall obtain a valid license under the contract (Regulations and Abolition) Act enforce and rules made there under by the competent authority from time to time before commencement of work and continue to have a valid license until the completion of the work.
- h) The Supplier shall comply with the Labour laws like Building and Other Construction Workers Act, 1996 Contract Labour Act, 1970 Minimum Wages Act, 1948 and other applicable laws regarding pension, provident fund etc.

Any failure to fulfil this requirement shall attract the penal provisions of this contract arising out of the resulted non-execution of the work assigned to the Contractor.

8. SAFETY CODE

I. Scaffolding:

- I. Suitable scaffold should be provided for workman for all works that cannot safely be done from the grounds or from solid construction except such short period work as can be done safely from ladder is used on extra Mazdoor shall be engaged for holding the ladder for carrying materials as well suitable foot holes and hand holds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to $\frac{1}{4}$ Horizontal and 1 vertical).

- II. Scaffolding or staging more than 12 M above the ground floor swung or suspended from an overhead support or erected with stationer/support shall have a guard rail property attached, bolted, braced or otherwise secured at least 1 meter high above the floor platforms of such scaffolding or staging and extending along the entire length of the outside the ends thereof with only such opening as may be necessary for the delivery of the materials. Such scaffolding or staging shall be fastened as to prevent it from swaying from the building of structure.

- III. Working platform gangways and stairway should be so constructed that they should not away unduly or unequally and if the height of the platform of the Gangway or the stairway is more than 3.54 metres above ground level and or floor level they should be closely bearded, should have adequate width and should be suitably fenced as described (ii) above.

- IV. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the falling of persons or materials by providing suitable fencing or railing whose minimum height shall be 1 metre.
- V. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable ladder shall be over 9 metre in length while the width between sides rails in ring ladder shall be in no case be less than 0.3 metres from ladder upto and including 3 meter length. For longer ladders this width should be increased at least 2 cm. For each additional meter of length. Uniform step spacing shall not exceed 0.3 M adequate precaution shall be taken to prevent danger form electrical equipment. No material on any of the work site shall be so stacked or placed as to cause danger or inconvenience to any person or the public. The contractor shall also provide all necessary fencing and lights to protect the public from accident and shall be bound to bear the expenses of defence of every suit action or other precautions of law that may be brought by any person for injury sustained owing to neglect of the above and to pay any damages and costs which may be awarded in any such suit action or proceeding to any such person or which may with consent of the contractor be paid to compromise by any such person.
2. Excavation and Trenching: All trenches 1.2 metre or more in depth, shall at all times be supplied with at least one ladder for each 30 Metre in length of friction thereof. Ladder shall be extended from bottom of the trench to at least 1 metre above the surface of the ground. The side of trenches which are 1.5 metre or more in depth shall be stepped back to give suitable slopes or securely held by timber bracing so as to avoid the danger of sides to collapse The excavated materials shall not be placed within 1.5 metre of the edge of the trench or half of the depth of the trench whichever is more. Cutting shall be done from top to bottom. Under no circumstances undermining or under cutting shall be done.
3. Demolition: Before any demolition work is commenced and also during the process of the works.
- (a) All roads and open area adjacent to the work site shall either be closed or suitably protected.
- (b) No electric cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
- (c) All precautionary steps shall be taken to prevent danger to persons employed from risk of fire or explosion of flooring. No floor roof or other part of the building shall be so overloaded with debris of materials as to render it unsafe.
4. Painting: All necessary personal safety equipment as considered adequate by the Engineer-in-charge should be kept available for the use of person employed on the site and maintained in a condition suitable for immediate use and the contractor should take adequate steps to ensure proper use of equipment by those concerned.
- (a) Workers employed on mixing asphaltic materials cement lime mortars shall be provided with protective footwear and. protective goggles.

- (b) Stone brackets shall be provided with protective goggles and protective clothing, and seated at sufficiently safe intervals.
 - (c) Those engaged in welding works shall be provided with welder's protect.
 - (d) When workers are employed in sewers and manholes which are in use, the Contractors shall ensure that the manhole covers are open and are ventilated at least for an hour before
 - (e) the work shall be coronet off with suitable railing and provided with warning signals or boards to prevent accident to the public.
 - (f) The Contractor shall not employ men below the age of 19 and women on the work of painting with products containing lead in any form whenever men above the age of 18 are employed on the work of lead painting the following precautions should be taken.
 - (i) No paint containing lead or lead shall be used except in the form of paste or readymade paint.
 - (ii) Suitable face masks should be supplied for use by the workers when paint applied in the form of spray or a surface having lead paint dry rubble and scrapped.
 - (iii) Overhauled shall be supplied by the contractor to the workman and adequate facilities shall be provided to enable the working painters to wash during the cessations of work.
5. Drawing: When the work is done near any place where there is risk of drawing all necessary equipment should be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision should be made for prompt first aid treatment for all injuries likely to be sustained during the course of the work.
- (a) Every crane driver or hosing applicants operator shall be properly qualified and no personal order an age of 21 years should in-charge of any hoisting machine including any scaffold which give signals to the operator.
 - (b) In case of every hoisting machine and every chain ring lowering or as means of suspensions. The safe working load shall be ascertained by adequate means. Every hoisting machine and gear referred to above shall be plainly marked with the safe working load. In case of hoisting machine having a variable safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in this paragraph shall be loaded beyond the safe working load except for load purpose of testing.
 - (c) In case of departmental machine the safe working and load shall be notified by the Electrical Engineer-in-charge. As regarded contractor's machine the contractor shall notify the safe working load of the machine to the Engineer-in-charge, whenever he brings any machinery to site of work and get verified by the Electrical Engineer concerned.
 - (d) Motors, gearing transmission, Electric wiring and other dangerous part of the hoisting appliance should be provided with efficient safe guards and with such means as well reduce adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load be coming accidentally dispraced When workers employed on

Electrical installations which are already unregistered insulating mats wearing apparel such as gloves sleeves and boots as may be necessary should be provided the workers should not wear rings, watches and carry keys, or other materials which are good conductors of electricity.

7. All scaffolds, ladders and their safety device mentioned or described herein shall be maintained in safe condition and no scaffold ladder or equipment shall be altered or removed while it is in use. Adequate washing facilities shall be provided at or near places of work.
8. These safety provisions should be brought to the notice of all concerned by display on a Notice Board at prominent places at the work spot. The persons responsible for compliance of the safety code shall be named therein by the contractor.
9. To ensure effective endorsement of the rules and regulations relating to safety precautions the arrangement made by the contractor shall be open to inspection by the Labour Officer, Engineer-in-charge, or the Department or their representatives.
10. Notwithstanding the above clause (1) to (9) there is nothing in these to except the contractors to exclude the operations of any other act or rule in force in the Republic of India.

9. DISPUTE RESOLUTION MECHANISM

- i. The Supplier and the District Union shall endeavour their best to amicably settle all disputes arising out of or in connection with the Contract in the following manner:
 - a. The Party raising a dispute shall address to the other Party a notice requesting an amicable settlement of the dispute within seven (7) days of receipt of the notice.
 - b. Matter will be referred for negotiation between Managing Director, District Union and the Authorized Official of the Supplier. The matter shall then be resolved between them and the agreed course of action documented within a further period of 15 days.
 - c. In case any dispute between the Parties, does not settle by negotiation in the manner as mentioned above, the same may be resolved exclusively by arbitration and such dispute may be submitted by either party for arbitration within 20 days of the failure of negotiations. Arbitration shall be held in Raipur and conducted in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modification or re-enactment thereof. Each Party to the dispute shall appoint one arbitrator each and the two arbitrators shall jointly appoint the third or the presiding arbitrator.
 - d. Both the Party may choose their respective arbitrator or if agreed may choose to go with a single Arbitrator.

- e. The "Arbitration Notice" should accurately set out the disputes between the parties, the intention of the aggrieved party to refer such disputes to arbitration as provided herein, the name of the person it seeks to appoint as an arbitrator with a request to the other party to appoint its arbitrator within 45 days from receipt of the notice. All notices by one party to the other in connection with the arbitration shall be in writing and be made as provided in this document.
- f. Each Party shall bear the cost of preparing and presenting its case, and the cost of arbitration, including fees and expenses of the arbitrators, shall be shared equally by the Parties unless the award otherwise provides. The Supplier shall not be entitled to suspend the Service/s or the completion of the projects, pending resolution of any dispute between the Parties and shall continue to render the Service/s in accordance with the provisions of the Contract/Agreement notwithstanding the existence of any dispute between the Parties or the subsistence of any arbitration or other proceedings.

10. FORCE MAJEURE

Force Majeure is herein defined as any cause, which is beyond the control of the Supplier or District Union as the case may be which they could not foresee or with a reasonable amount of diligence could not have foreseen and which substantially affect the performance of the contract, such as:

- i. Natural phenomenon, including but not limited to floods, droughts, earthquakes, and epidemics.
- ii. Acts of any government, including but not limited to war, declared or undeclared priorities, quarantines, embargos and terrorist attack, public unrest in work area.
- iii. The Supplier or District Union shall not be liable for delay in performing his/her obligations resulting from any force majeure cause as referred to and/or defined above provided either party shall within 10 days from occurrence of such a cause, notifies the other in writing of such causes.
- iv. Any delay beyond 30 days shall lead to termination of contract by parties and all obligations expressed quantitatively shall be calculated as on date of termination. Notwithstanding this, provisions relating to indemnity, confidentiality survive termination of the contract.

11. LIMITATION OF LIABILITY

- i. The aggregate liability of the selected supplier to the Purchaser, whether under the Contract, in tort, or otherwise, shall not exceed the amount specified in the Contract.

12. INFORMATION SECURITY

- i. The Supplier shall not carry and/or transmit any material, information, layouts, diagrams, or any other goods/material in physical form, which are proprietary to or owned by District Union, out of premises, without prior written permission from the District Union.

- ii. The Supplier shall, upon termination of this agreement for any reason, or upon demand by District Union, whichever is earliest, return all information provided to the Supplier by District Union, including any copies or reproductions, both hard copy and electronic.

13. INDEMNITY

- i. The Supplier shall execute and furnish to the District Union, a Deed of Indemnity in favour of the District Union, in a form and manner acceptable to Federation, indemnifying District Union from and against any third-party costs, losses, damages, expenses, claims including those from third parties owing infringement or misappropriation of a patent, copyright, trademark and trade secret, arising or incurred inter- alia during and after the Contract period arising out of:
 - ii. Negligence or wrongful act or omission in connection with or incidental to this Contract; or Any breach of any of the terms the Selected supplier Proposal as agreed, the tender notice and this Contract by the supplier or its team. The indemnity shall be to the extent of 100% of project cost in favour of the District Union.

14. CONTINUANCE OF THE CONTRACT:

Notwithstanding the fact that settlement of dispute(s) (if any) under arbitration may be pending, the parties here to shall continue to be governed by and perform the work in accordance with the provisions under the Scope of Work and technical specification, as defined in the tender document, to ensure continuity of operations.

15. SEVERANCE:

In the event any provision of the Contract is held to be invalid or unenforceable under the applicable law, the remaining provisions of this Contract shall remain in full force and effect.

16. GOVERNING LANGUAGE:

The Agreement shall be written in English language. Subject to below Clause, such language versions of the Agreement shall govern its interpretation. All correspondence and other documents pertaining to the Contract that are exchanged by parties shall be written in English language only.

17. "NO CLAIM" CERTIFICATE

The Supplier shall not be entitled to make any claim, whatsoever against District Union, under or by virtue of or arising out of, the contract, nor shall District Union entertain or consider any such claim, if made by the Supplier after it has signed a "No claim" certificate in favour of District Union in such form as shall be required by it after the Contract period is over.

18. PUBLICITY

The Supplier shall not make or permit to be made a public announcement or media release about any aspect of this Contract unless the District Union first give its written consent to the Supplier.

19. GENERAL

i. Relationship between the Parties

- a) Nothing in the Contract constitutes any fiduciary relationship between the District Union and Supplier Team or any relationship of employer employee, principal and agent, or partnership, between the Federation and Supplier.
- b) No Party has any authority to bind the other Party in any manner whatsoever except as agreed under the terms of the Contract.
- c) District Union will not be under any obligation to the implementation of the work of the Supplier's Team except as agreed under the terms of the Contract.

ii. No Assignment: The Supplier shall not transfer any interest, right, benefit or obligation under the contract without the prior written consent of District Union.

iii. Survival: The provisions of the clauses of the Contract in relation to documents, data, processes, property, , indemnity, publicity and confidentiality and ownership survive the expiry or termination of this Contract and in relation to confidentiality, the obligations continue to apply unless Federation notifies the Supplier of its release from those obligations

iv. Entire Contract: The terms and conditions laid down in the tender condition and all annexures there to, Response to Pre-bid queries vide District Union's letter No..... dated, as also the Proposal/Tender submissions(Technical &Finalcial) and any attachments/annexes there to shall be read in consonance with and form an integral part of the Contract. The Contract supersedes any prior contract, understanding or representation of the Parties on the subject matter.

v. Governing Law: This contract shall be governed in accordance with the laws of India and the State of Chhattisgarh.

vi. Jurisdiction of Courts: The High Court of Chhattisgarh at Bilaspur, Chhattisgarh has exclusive jurisdiction to determine any proceeding in relation to the Contract.

vii. Compliance with Laws: The Selected supplier, during the course of performing the contract, shall comply with the laws in force in India and the State of Chhattisgarh during the duration of the contract.

viii. Notices: A "notice" means:

- a) a notice; or
- b) Consent, approval or other communication required to be in writing under the Contract. All notices, requests or consent provided for or permitted to be given under this Contract shall be in writing and shall be deemed effectively given when personally delivered or mailed by pre-paid certified/registered mail, return receipt requested, addressed as follows and shall be deemed

received two days after mailing or on the date of delivery if personally delivered:

To, The Managing Director, District Minor Forest Produce Union Limited,, (Address)..... Phone : E-mail :
To Supplier at: Address: [Phone:] [Mobile:] [Email:]

- c) Any Party may change the address to which notices are to be directed, by giving a notice to the other party in the manner specified above. A notice served on a Representative is taken to be notice to that Representative's Party.

ix. Waiver

- a) Any waiver of any provision of this Contract is ineffective unless it is in writing and signed by the Party waiving its rights.
- b) A waiver by either Party in respect of a breach of a provision of this Contract by the other Party is not a waiver in respect of any other breach of that or any other provision.
- c) The failure of either Party to enforce at any time any of the provisions of this Contract shall not be interpreted as a waiver of such provision.

x. **Modification:** Any modification of the Contract shall be in writing and signed by an authorized representative of each Party.

xi. **Application:** These General Conditions shall apply to the extent that provisions in other parts of the Contract do not supersede them.

20. ENTIRE AGREEMENT:

This Agreement constitutes the entire and only agreement between the parties hereto and changed or modified in any manner, except by instrument signed by duly authorized officer or representative of each of the parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement in English and duplicate, one each shall remain in the possession of each party and each of which shall be deemed to be authentic, to be executed by their respective duly authorized officer or representative as of the day first above written:

PLACE : RAIPUR

DATE : _____

For and on behalf of,

For and on Behalf of,

District Minor Forest Co-operative Supplier's Trade Name :
Union Limited,

Signature:

Sign.:

Name :

Name :

Designation : **Managing Director**

Designation :

WITNESSES:

Signature: _____

Signature: _____

Name: _____

Name: _____

Address: _____

Address: _____