

**Institute of Entrepreneurship Development, Odisha (IEDO)  
Sector –A, Zone-A, Mancheswar, Bhubaneswar -751010, Odisha**

**Ph: 0674 585609**

**Website: [www.iedodisha.nic.in](http://www.iedodisha.nic.in)**

**Mauna Dhvani Foundation**

**C/O- Ashok Mohanty**

**At – Mendhakhai P.O. – Udala,**

**P.S - Udala Dist –Mayurbhanj, Pin - 757041**

**Ph: (06482) 264099**

**Website : <http://maunadhwani.org/>**

**TENDER DOCUMENTS**

**CONSTRUCTION OF COMMON FACILITY CENTER, DYEING CENTER ETC**

**FOR**

**UDALA WEAVING CLUSTER**

**TANTA GATHAFUNDATION(SPV)**

**At: SUNAPAL, UDALA-MAYURBHANJ, ODISHA**

**To Establish**

**COMMON FACILITY CENTRE (CFC) OF UDALA WEAVING CLUSTER,  
UDALA- MAYURBHANJ, DISTRICT OF ODISHA**

**MARCH 2020**

## TENDER NOTICE

(Construction of Common Facility Centre, Udala Weaving Cluster,  
Mayurbhanj, Odisha)

Sealed tenders are invited from **licensed registered Civil Engineers/Contractors of class B&A** (having minimum three years of experience in building construction) for establishment of Common Facility Centre at: Adapal, Po: Sunapal, Mayurbhanj District, being facilitated by Institute of Entrepreneurship Development, Odisha. Tenders should be submitted in single bid system along with earnest money of Rs. 40,000/- (Rupees Forty Thousand Only) and can be deposited at the above address upto 05.00 PM of Dt. 03.03.2020. Tenders received will be opened before the Technical Committee of the proposed Common Facility Centre on **Dt. 04.03.2020** at 11.00 AM.

This is a percentage-based tender. Tender form can be obtained from the IED, Sector –A, Zone-A, Mancheswar, Bhubaneswar-751010, Odisha on any working day between **Dt. 12.02.2020 to Dt. 03.03.2020** from 10.00 AM to 05.00 PM by payment of Rs. 6,000/-. Tender forms can also be downloaded from the website of the IEDO [www.iedodisha.nic.in](http://www.iedodisha.nic.in). A demand draft of Rs. 10,000/- purchased in favor of IEDO, Bhubaneswar should be enclosed along with the Bid for the Tender Forms downloaded from the website.

The details of works and Terms and Conditions are available in the Tender Form. Chief Executive Officer, IEDO, Bhubaneswar, Odisha reserves the right to cancel any or all the Tenders without assigning any reason.

**SD/-**  
**Chief Executive Officer**

**IED Odisha, Bhubaneswar.**

**TENDERFORM(ConstructionofCommonFacilityCentre,UdalaWeavingCluster,Mayurbhanj)**

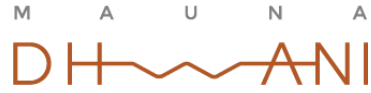
**TenderForm is issued to:-**  
**Date of issue of tender form:-**

**(Digital signature)**

**Signature of issuing authority**

Terms and Conditions:

- 1- Themimumturnoverofthebidderfirmforthelastyear (2018-19)shouldbeRs.40.00lakhs.
- 2-Thebidderfirmshouldhaveminimumthreeyearexperienceinbuildingconstructionactivity.
- 3-The tenders should besubmittedintheprescribedtenderform.
- 4- ThetenderformscanbeobtainedfromMaunadhwani Foundationat Sunapal, UDALA on any working day from **Dt.12.02.2020** to **Dt. 03.03.2020** between 10.00 am to 05.00 pm bydepositinganamountofRs.10,000/-.
- 5- TenderformshouldbedepositedalongwithBidandtheearnestmoneyofRs.40,000/-atabove address on or before 05.00 pm of **Dt.03.03.2020**. Earnest money can be paid through DD purchased in favor of Maunadhwani Foundation, Mayurbhanj. The tender received will be opened before the Technical committee on **Dt.04.03.2020**. Exempted bidder should submit the supporting documents with thetender.
- 6- Thebidderfirmshould submit endforthewhole works. Tender forpartlyworkswillnotbe accepted.
- 7- Earnestmoneycanbeforfeitedincaseofwithdrawalofbidornotcompletingthework.
- 8- If the work is not found as per specifications or unsatisfactory the payment of whole or equivalentamountcanbewithheld.
- 9- T.D.S.andothertaxeswillbedeductedaspernormsfromthepayments.
- 10- Executive Director, Maunadhwani Foundation has reserved the right to accept the bid partially/infullormayrejectanyoralthebidswithoutassigninganyreason.
- 11- **The total approved project cost for establishment of Common Facilities Centre is Rs.117 lakhs, out of which maximum budget provisioned for construction is Rs.40 lakhs. Thus financial bid for tendered firm should not exceed the maximum limit approved.**



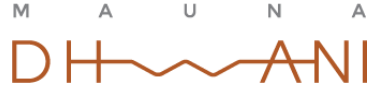
12- Themaximumtimeframegivenforcompletionofconstructionis4months.Thedetailed workplansasgivenabove.

**Declaration:-**

I do here by agree to abide by all the terms and conditions mentioned above.

(Signature of the authorized person/proprietor)

Name:  
Designation:  
Name of firm:  
Phone/Mob:  
Email Id:  
No. : Seal of the firm:



Form No. 2

**TENDERFORM(ConstructionofCommonFacilityCentre,UdalaWeavingCluster,Mayurbhanj)**

TenderFormissuedto:\_\_\_\_\_

Dateofissueoftenderform:-\_\_\_\_\_

**(Digital signature)**

**Signatureof issuingauthority**

**Details of firm/agency**

1. Name ofFirm/Agency:
2. Registered Address ofFirm/Agency:
3. Name&PhoneNo.ofco-coordinator/contactperson:
4. Type ofFirm/Agency:
5. Registration No.:
6. YearofCommencementofworkoftheFirm/Agency:
7. TurnoverofFirm/Agencyfortheyear2018-19:
8. DetailsofHumanresources:(Manpowerwiththefirm/Agency)
9. PAN/ServiceTaxNo.oftheFirm/Agency:(Pleaseenclosephotocopy)
10. Descriptionofconstructionactivitiesdoneby:Firm/Agencyinpast(Pleaseenclosedcopiesof workorder/photographsshouldnotbelessthantherankofExecutiveEngineerorequivalent thereof)
11. Actionplanforpresentactivity
12. Other details, (Ifany):

**Miscellaneous:-**

1. Theminimumturnoveroflastyear(2018-19)oftheBidderFirm/AgencyshouldbeRs.40.00Lakhs.
2. TheBidderFirmwillsubmitlayoutplananddesignfortheproposedshed
3. A demand draft of Rs. 40,000.00 (Rupees Forty thousand only) will be enclosed with the bid as earnest money. The draft will be in favor of Mauna Dhvani Foundation, Exempted bidders should submit his supporting documents.

4. Balance Sheet prepared by

Chartered Accounts for the last three years will invariably be enclosed along with bid.

5. Copies of Income Tax returns for the last three years will be enclosed with bid.

6. Copy of PAN/Service Tax Registration Certificate will be enclosed with bid.

7. The profile and following details of bidder firm/agency along with photograph, paper cutting, copy of work order will be submitted as under:-

Year	Details of construction projects executed	Duration	Name of party for whom project executed
2016-17			
2017-18			
2018-19			

8. Detail of earnest money

1. D.D. No.:

2. Date:

3. Amount:

4. Name of the issuing bank:

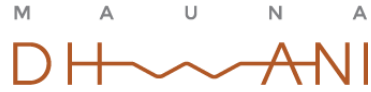
9. If the Tender Form is downloaded from the Maunadhvani website an amount of Rs 10,000/- is essential to be deposited. The details of such amount:-

1. D.D.No.

2. Date:

3. Amount:

4. Name of the issuing bank:



**Declaration:-**

I hereby declare that the information given in the bid is true and correct and I hereby accept all the terms and conditions.

Place:

Date:

Signature of the authorized person

Name:

Designation:

Name of firm & address:

Phone / Mobile No. :

Email Id:

Seal of the firm:

Mauna Dhvani Foundation  
No. 410, 2<sup>nd</sup> Floor, Shree Maruthi Prasanna Complex, Ramagondanahalli, Whitefield, Bengaluru, Karnataka, India –  
560066

| CIN Number U93090KA2017NPL106891 |

| +91 80 28542995 | Website <http://maunadhvani.org/>

**Form No. 3**

**TENDERFORM(ConstructionofCommonFacilityCentre,UdalaWeavingCluster,Mayurbhanj)**

TenderFormissuedto:\_\_\_\_\_

Dateofissueoftenderform:\_\_\_\_\_

**(Digital signature)**

**Signature of issuing authority**

**Financial cost**

S.No	Construction of shed for CFC	Amount Quoted	Percentage of high or less
1	1. Theamountshouldbequotedas per details ofworkgiven. 2. Theamountquotedshouldbeinclusive of alltypeoftaxesasnoseparate paymentwillbemadefortaxes.		

**Total amount in words:-**

**Place:**

**Date:**

Signatureoftheauthorizedperson

Name:

Designation:

Nameoffirm& address:

Phone /Mobile No. :

Email Id:

Seal of the firm:



**TENDERFORM(ConstructionofCommonFacilityCentre,UdalaWeavingCluster,Mayurbhanj)**

TenderFormissuedto:- \_\_\_\_\_

Dateofissueoftenderform:- \_\_\_\_\_

**(Digital signature)**

**Signature of issuing authority**

1. Nameofwork:ConstructionofShedandotheramenitiesforthe proposedCFC:

**Work Plan**

S.No	Description of work	Timeline(fromthedataof Issuance of Contract)
1	Land leveling and providing pest control treatment by Pest control India	By end of first month
3	Completion of foundation work up to ground Level	By end of second month
4	Completion of side wall, fabrication work, roofing, electrical fitting, painting etc.	By end of fourth month

**Note:Thusthetotaltimeforcompletionofconstructionwillnotexceed4monthsfromdate ofissuanceofcontract**

**2. Mode ofpayment:**

- Paymentwillbereleasedas perthescheduledquantityexecuted.Themeasurementwillbe donebyCivilEngineerandcertifiedbyCharteredEngineer.
- Payment will be released after statutory reduction of tax component as per Government of Odishanotification.
- 5% of the security deposit will be released one year after competition of the work.

**ABSTRACT OF COST**

<b>LEAD STATEMENT (UDALA) 2019-20</b>									
<b>SI no</b>	<b>Description of item</b>	<b>Qty.</b>	<b>Qty. Total</b>	<b>Units</b>	<b>Name of Quarry</b>	<b>Lead in K.M</b>	<b>Carrige Charge.</b>	<b>Royalty</b>	<b>Total(Rs)</b>
1	RRHG Stone	1	1	One cum.	Local	5	149.67	130.00	279.67
2	Metal 4cm. Size (H.G.)	1	1	One cum.	Bpd	40	457.67	130.00	587.67
3	Chipps 12mm size(c.b.)	1	1	One cum.	Bpd	40	457.67	130.00	587.67
4	Chipps 25mm size(c.b.)	1	1	One cum.	Bpd	40	457.67	130.00	587.67
5	Chipps 6mm (c.b.)	1	1	One cum.	Bpd	40	457.67	35.00	492.67
6	Chipps 4.7 mm (c.b.)	1	1	One cum.	Bpd	40	457.67	35.00	492.67
7	H.S. Metal 90mm-40mm	1	1	One cum.	Bpd	40	457.67	130.00	587.67
9	Sand Screened	1	1	One cum.	Jaypur	16	246.47	35.00	281.47
10	Sand for Filling	1	1	One cum.	Jaypur	16	246.47	35.00	281.47
12	Fly Ash Bricks	350	350	Nos	local	5	169.27		169.27
13	K.B.Bricks Khoa	1	1	One cum.	Local	5	149.67		149.67
14	Wood	1.25	1.25	One cum.	local	5	129.37		129.37
15	Cement	1	1	qntl	local	5	16.17		16.17
16	Steel	1	1	qntl	local	5	16.17		16.17
17	All Kinds of tiles	180	180	Sqm	local	5	967.27		967.27

**FOR TANTA GATHA HANDLOOM COMPLEX AT SUNAPAL, UDALA**

Sl.no	Description of Item of work.	Unit	Quantity	Rate	Amount
1	Earthwork in excavation of Foundation in hard soil with lead of 30m and lift of 1.5m including rough dressing and levelling the bed	Cum	175.08	178.60	31269.29
2	Filling in Foundation & Plinth with san well watered and rammed	Cum	282.72	372.27	105248.17
3	C.C. 1:3:6 using 40mm size stone aggregates	Cum	67.17	4630.75	311047.48
4	R.R.H.G. stone masonry in cm 1:6 in Foundation and Plinth	Cum	64.47	3125.00	201468.75
5	Brick work with Flyash brick in cm 1:6 in Foundation and Plinth	Cum	10.74	4134.08	44400.02
6	Brick work with Flyash brick in cm 1:6 in superstructure	Cum	159.03	4167.41	662743.21
7	RCC work with CC (1:1.5:3) using 12mm size hg chips in Plinth band, Lintel, Chhaja, Cover slab including centering and shuttering				
	(A) Foundation Base	Cum	17.40	5148.99	89592.43
	(B) Coloumn	Cum	14.26	12124.40	172893.94
	(C) Plinth band	Cum	13.18	5505.95	72568.42
	(D) Lintel	Cum	8.34	8653.39	72169.27
	(E ) Chajja	Sqm	21.60	789.25	17047.80
8	Supplying and cutting bending Reinforcement steel Min Fe 415 grade	Qntl	54.58	5166.74	282000.67
9	Cement flush pointing to brick masonry (1:3)	Sqm	1412.90	141.17	199459.09
10	Cement flush pointing to stone masonry (1:3)	Sqm	129.33	143.40	18545.92
11	12mm thick cement plaster (1:4) with neat cement punning on brick masonry,	Sqm	100.08	215.42	21559.23
12	Supplying fitting fixing MS Doors and Windows with grills in squire bar	KG	1323.83	74.75	98956.29
13	Steel Structure for Truss	KG	2400.00	74.75	179400.00
14	Rafter, purlins nuts and washer	KG	2249.00	74.75	168112.75
15	Cost of Profile Sheet 16mm gauge	Sqm	546.00	440.00	240240.00
16	Labour for fixing Profile Sheet	Sqm	546.00	119.89	65459.94
17	2.5cm thick AS flooring using 12mm size cb chips	Sqm	547.23	300.48	164431.67
18	Providing and fixing synthetic Door with frame for Toilet	Sqm	2.00	1800.00	3600.00
19	Providing and Fixing of Ceramic Floor tiles	Sqm	4.70	682.22	3206.43
20	Providing and Fixing of Ceramic wall tiles	Sqm	19.51	706.58	13784.67
21	Two coats of distemper over internal plaster over a coat of putty finish	Sqm	798.49	57.66	46041.06

22	Weather coat two coats over external plastered surface over a primer coat of cement wash	Sqm	743.74	119.77	89077.74
23	Two coats of synthetic enamel over one coat of primer for doors and windows	Sqm	47.47	154.04	7312.57
24	Provision for signboard 4'-0"x 3'-3"	No	1	4000.00	4000.00
25	Bore well of 100mm dia pipe and 0.5 HP single phase electric motor	Set	1	35000.00	35000.00
26	Supplying and fixing Sanitary fittings for toilet including piping and overhead tank, connection and pipes for septic tank, soakpit and drainage system.	LS			25000.00
27	Providing Electrification and fittings for light and fan and other fixture, switches, junction board etc.	LS			60000.00
28	Provision for Land development	LS			30450.00
					3536086.83
29	Add Contingency @ 1%				35360.87
					3571447.70
30	Add GST @ 12%				428573.72
				Total	4000021.42
				Say Rs	<b>40,00,000.00</b>

**(Rupees Forty Lakhs only)**

**ESTIMATE FOR TANTA GATHA HANDLOOM COMPLEX AT SUNAPAL, IN THE DISTRICT OF MAYURBHANJ**

Sl.no.	Description of Item of work.	No	Length in Ft	Width in Ft	Height in Ft	Quantity	Unit
1	Earthwork in excavation of Foundation in hard soil with lead of 30m and lift of 1.5m including rough dressing and levelling the bed						
	Handloom Centre C/L Long wall	2	69.16	138.32			
		2	79.16	158.32			
	C/L Short wall	4	24.16	96.64			
		4	16.16	64.64			
				457.92			
		1	457.92	2.00	1.50	1373.76	Cft
	Coloumn	24	4.50	4.00	4.50	1944.00	Cft
						3317.76	Cft
	Dyeing Centre C/L Long wall	2	51.42	102.84			
		1	40.58	40.58			
		1	19.00	19.00			
	C/L Short wall	5	10.83	54.15			
		2	37.00	74.00			
		1	9.83	9.83			
				300.40			
		1	300.40	3.00	2.50	2253.00	Cft
	Step	5	6.00	5.00	1.00	150.00	Cft
	Septic tank	1	11.66	6.66	6.00	465.93	Cft

						6186.69	Cft
	Deduction Coloumn	24	4.50	2.00	1.50	324.00	Cft
					net	5862.69	Cft
					say	175.08	Cu m
2	Filling in Foundation & Plinth with sand well watered and rammed						
	Handloom Centre wall	1	457.92	2.00	0.50	457.92	Cft
		24	5.00	4.50	0.50	270.00	Cft
	Dyeing Centre	1	300.40	3.00	0.50	450.60	Cft
	Inside Room Workshop-	2	68.33	23.33	2.00	6376.56	Cft
	Spinning section	1	13.58	15.33	2.00	416.36	Cft
	Store	1	8.08	15.33	2.00	247.73	Cft
	Vat & store	2	10.00	16.16	2.00	646.40	Cft
	Dyeing proud.	1	10.00	16.58	2.00	331.60	Cft
		1	4.00	10.00	2.00	80.00	Cft
	Toilett	1	5.00	10.00	2.00	100.00	Cft
	Dyeing lab	1	15.42	10.00	2.00	308.40	Cft

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**Regd. No.: 6570-21 of 2000-2001.**

	Dyeing proud.	1	10.00	16.58	2.00	331.60	Cft
	Water filtration	1	10.00	19.83	2.00	396.60	Cft
	Step	5	6.00	5.00	0.15	22.50	Cft
	Septic tank	1	11.66	6.66	0.15	11.65	Cft
						9990.00	Cft
	Deduction Coloumn	24	4.50	2.00	0.50	108.00	Cft
					net	9882.00	Cft
					say	282.72	Cu m
3	C.C. 1:3:6 using 40mm size stone aggregates						
	Handloom Centre wall	1	457.92	2.00	0.33	302.23	Cft
		24	5.00	4.50	0.33	178.20	Cft
	Dyeing Centre wall	1	300.40	3.00	0.50	450.60	Cft
	Inside Room Workshop-	2	68.33	23.33	0.25	797.07	Cft
	Spinning section	1	13.58	15.33	0.25	52.05	Cft
	Store	1	8.08	15.33	0.25	30.97	Cft
		1	36.25	15.33	0.25	138.93	Cft
	Vat & store	2	10.00	16.16	0.25	80.80	Cft
	Dyeing proud.	1	10.00	16.58	0.25	41.45	Cft
		1	4.00	10.00	0.25	10.00	Cft
	Toilett	1	5.00	10.00	0.25	12.50	Cft
	Dyeing lab	1	15.42	10.00	0.25	38.55	Cft
	Dyeing proud.	1	10.00	16.58	0.25	41.45	Cft
	Water filtration	1	10.00	19.83	0.25	49.58	Cft
	Drying shed	1	10.00	19.08	0.25	47.70	Cft
	Open to sky	1	14.50	39.75	0.25	144.09	Cft
	Step	5	6.00	4.00	0.33	39.60	Cft
	Septic tank	1	11.66	6.66	0.33	25.63	Cft

							2481.38	Cft
	Deduction	Coloumn	24	4.50	2.00	0.50	108.00	Cft
						net	2373.38	Cft
						say	67.17	Cu m
4	R.R.H.G. stone masonry in cm 1:6							
	Handloom Centre	wall	1	433.92	1.25	1.50	813.60	Cft
	Dyeing Centre	wall	1	300.40	2.00	1.50	901.20	Cft
			1	300.40	1.25	1.50	563.25	Cft
							2278.05	Cft
						say	64.47	Cu m
5	Brick work with Flyash brick in cm 1:6 in Foundation and Plinth							
	Step		5	6.00	3.00	1.50	135.00	Cft
			5	6.00	2.00	1.00	60.00	Cft
			5	6.00	1.00	0.50	15.00	Cft
	Septic tank		1	31.33	1.25	2.00	78.33	Cft
			1	31.33	0.83	3.50	91.01	Cft
							379.34	Cft
						say	10.74	Cu m

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6	Brick work with Flyash brick in cm 1:6 in superstructure							
	Handloom Centre	wall	1	409.92	0.83	11.00	3742.57	Cft
	Dyeing Centre		1	300.40	0.83	11.00	2742.65	Cft
							6485.22	Cft
	Deduct Opening							
	Door D		14	4.00	0.83	7.00	325.36	Cft
	D1		1	3.00	0.83	7.00	17.43	Cft
	Window W		35	4.00	0.83	4.50	522.90	Cft
						(-)	865.69	Cft
						Net	5619.53	Cft
						say	159.03	Cu m
7	RCC work M-20 grade using 20mm and down graded size hg cb chips in Base, Coloumn, Plinth band, Lintel, Chhaja, Cover slab including centering and shuttering							
	(a) Foundation Base							
	Coloumn		24	4.00	3.50	1.00	336.00	Cft
		24x		$(4'-0" \times 3'-6") + (1'-6" + 1") / 2 \times 1.5$			279.00	Cft
							615.00	Cft
						say	17.40	Cu m
	(b) Coloumn							
			24	1.50	1.00	14.00	504.00	Cft

						say	14.26	Cu m
	(c)Plinth band							
	Handloom Centre wall	1	409.9 2	1.25	0.50		256.2	Cft
	Dyeing Centre wall	1	300.4	1.25	0.50		187.75	Cft
	Septictank cover slab	1	11.66	5.66	0.33		21.78	Cft
							465.73	Cft
						say	13.18	Cu m
	(d) Lintel							
	Handloom Centre wall	1	409.9 2	0.83	0.50		170.12	Cft
	Dyeing Centre wall	1	300.4	0.83	0.50		124.67	Cft
							294.78	Cft
						say	8.34	Cu m
	(e ) Chhaja							
	Door D	6	5.00	1.50			45.00	Sft
	Window W	25	5.00	1.50			187.50	Sft
							232.50	Sft
						Say	21.60	Sq m
8	Supplying and cutting bending Reinforcement steel Min Fe 415 grade							
	Qty Item 3 (a+b+c+d+e)	17.40+14.26+	13.18+8.34+(21.60x0.065)				54.58	Cu m
				@	1Qntl/Cum		54.58	Qnt l

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**Regd. No.: 6570-21 of 2000-2001.**

9	Cement flush pointing to brick masonry (1:3)							
	Inside Room Workshop-	2	183.3 3		11.0 0		4033.2 6	Sft
	Spinning section	1	57.83		11.0 0		636.13	Sft
	Store	1	46.83		11.0 0		515.13	Sft
	Vat & store	2	52.33		11.0 0		1151.2 6	Sft
	Dyeing proud.	1	51.16		11.0 0		562.76	Sft
	Toilett	1	30.00		11.0 0		330.00	Sft
	Dyeing lab	1	35.50		11.0 0		390.50	Sft
	Drying shed	1	29.08		11.0 0		319.88	Sft
	Water filtration	1	59.66		11.0 0		656.26	Sft
							8595.1 8	Sft
				(A)	Say		798.49	Sq m
	Outside							
	Handloom Centre	1	290.6 6		11.0 0		3197.2 6	Sft
		1	140.6 6		11.0 0		1547.2 6	Sft
	Dyeing Centre	1	180.1 6		11.0 0		1981.7 6	Sft
	Techno CARE							

	Engineers & Builders			Regd. No.: 6570-21 of 2000-2001.			
		1	84.58		11.0 0	930.38	Sft
						7656.6 6	Sft
	Deduction Door D	14	4.00		7.00	392.00	Sft
	D1	1	3.00		7.00	21.00	Sft
	Window W	35	4.00		4.50	630.00	Sft
					(-)	1043.0 0	Sft
					Net	6613.6 6	Sft
				(B)	Say	614.41	Sq m
	Total Qty (A+B)					1412.9 0	Sq m
10	Cement flush pointing to stone masonry (1:3)						
	Handloom Centre	1	290.6 6		2.00	581.32	Sft
		1	140.6 6		2.00	281.32	Sft
	Dyeing Centre	1	180.1 6		2.00	360.32	Sft
		1	84.58		2.00	169.16	Sft
						1392.1 2	Sft
					Say	129.33	Sq m
11	12mm thick cement plaster (1:4) with neat cement punning on brick masonry,						
	Step	5	9.00		3.00	135.00	Sft
		5	6.00		3.00	90.00	Sft
	Septic tank	1	31.33		8.50	266.31	Sft
	Dado Workshop-	2	183.3 3		0.75	275.00	Sft
	Spinning section	1	57.83		0.75	43.37	Sft
	Store	1	46.83		0.75	35.12	Sft

**Techno CARE  
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	Vat & store	2	52.33		0.75	78.50	Sft
	Dyeing proud.	1	51.16		0.75	38.37	Sft
	Toilett	1	30.00		0.75	22.50	Sft
	Dyeing lab	1	35.50		0.75	26.63	Sft
	Drying shed	1	29.08		0.75	21.81	Sft
	Water filtration	1	59.66		0.75	44.75	Sft
						1077.3 4	Sft
					Say	100.08	Sq m
12	Supplying fitting fixing MS Doors and Windows with grills in squire bar						
	Door D	14	4.00		7.00	392.00	Sft
	Window W	31	4.00		4.50	558.00	Sft
						950.00	Sft
					Say	88.26	Sq m



			@	15kg/sqm		1323.8 3	Kg
13	Steel Structure for Truss						
	Handloom Workshop	12	200	Kg		2400	Kg
14	Rafter, purlins nuts and washer						
	Handloom Centre	20	70.00			1400.0 0	Ft
		4	17.00			68.00	Ft
		4	17.00			68.00	Ft
		4	11.50			46.00	Ft
		3	17.00			51.00	Ft
	Dyeing Centre	18	14.00			252.00	Ft
		8	52.25			418.00	Ft
		4	15.00			60.00	Ft
		8	12.00			96.00	Ft
						2459.0 0	Ft
					say	749.70	Mtr
			@	3.0kg/Mtr		2249.0 9	Kg
					say	2249.0 0	Kg
15	Cost of Profile Sheet 16mm gauge						
	Handloom Centre	2	70.00	27.00		3780.0 0	Sft
		1	17.00	18.00		306.00	Sft
		1	17.00	12.00		204.00	Sft
	Dyeing Centre	2	52.25	13.50		1410.7 5	Sft
		1	12.50	13.50		168.75	Sft
						5869.5 0	Sft
					Say	545.28	Sq m
					Say	546.00	Sq m
16	Labour for fixing Profile Sheet					546.00	Sq m
17	2.5cm thick AS flooring using 12mm size cb chips						
	Inside Room                      Workshop-	2	68.33	23.33		3188.2 8	Sft
	Spinning section	1	13.58	15.33		208.18	Sft

**Techno CARE  
Engineers & Builders**

**Regd. No.: 6570-21 of 2000-2001.**

	Store	1	8.08	15.33		123.87	Sft
	Open to sky	1	36.25	15.33		555.71	Sft
	Vat & store	2	10.00	16.16		323.20	Sft
	Dyeing proud.	1	10.00	16.58		165.80	Sft
		1	4.00	10.00		40.00	Sft
	Dyeing lab	1	15.42	10.00		154.20	Sft
	Dyeing proud.	1	10.00	16.58		165.80	Sft
	Water filtration	1	10.00	19.83		198.30	Sft
	Drying shed	1	10.00	19.08		190.80	Sft
	Open to sky	1	14.50	39.75		576.38	Sft
						5890.5 1	Sft

					Say	547.23	Sq m
18	Providing and fixing synthetic Door with frame for Toilet	1	3.00	7.00		21.00	Sft
					Say	2.00	Sq m
19	Providing and Fixing of Ceramic Floor tiles Toilet	1	5.00	10.00		50.00	Sft
					Say	4.70	Sq m
20	Providing and Fixing of Ceramic wall tiles Toilet	1	30.00	7.00		210.00	Sft
					Say	19.51	Sq m
21	Two coats of distemper over internal plaster over a coat of putty finish						
		same as area -9(A)				798.49	Sq m
22	Weather coat two coats over external plastered surface over a primer coat of cement wash						
		same as area -9 (B)+10				743.74	Sq m
23	Two coats of synthetic enamel over one coat of primer for doors and windows						
	Door D	14	4.00	7.00	2.25	126.00	Sft
	Window W	35	4.00	4.50	2.75	385.00	Sft
						511.00	Sft
					Say	47.47	Sq m
24	Provision for signboard 4'-0"x 3'-3"					1	no
25	Bore well of 100mm dia pipe and 0.5 HP single phase electric motor					1	set
26	Supplying and fixing Sanitary fittings for toilet including piping and overhead tank, connection and pipes for septic tank, soakpit and drainage system.					LS	
27	Providing Electrification and fittings for light and fan and other fixture, switches, junction board etc.					LS	
28	Provision for Land development					LS	

**ESTIMATE FOR TANTA GATHA HANDLOOM COMPLEX AT SUNAPAL, IN THE DISTRICT OF MAYURBHANJ**

Sl. no.	Description of Item of work.	No	Length in Ft	Width in Ft	Height in Ft	Quantity	Unit
1	Earthwork in excavation of Foundation in hard soil with lead of 30m and lift of 1.5m including rough dressing and levelling the bed						
	Handloom Centre C/L Long wall	2	69.16	138.32			
		2	79.16	158.32			
	C/L Short wall	4	24.16	96.64			
		4	16.16	64.64			
				457.92			
		1	457.92	3.00	3.00	4121.28	Cft

	Dyeing Centre	C/L Long wall	2	51.4 2	102.84			
			1	40.5 8	40.58			
			1	19.0 0	19.00			
		C/L Short wall	5	10.8 3	54.15			
			2	37.0 0	74.00			
			1	9.83	9.83			
					300.40			
			1	300. 40	3.00	3.00	2703.6 0	Cft
		Step	5	6.00	5.00	1.00	150.00	Cft
		Septic tank	1	11.6 6	6.66	6.00	465.93	Cft
							7440.8 1	Cft
						say	<b>210.58</b>	<b>Cu m</b>
2	Filling in Foundation & Plinth with san well watered and rammrd							
	Handloom Centre	wall	1	457. 92	3.00	0.50	686.88	Cft
	Dyeing Centre		1	300. 40	3.00	0.50	450.60	Cft
	Inside Room	Workshop-	2	68.3 3	23.33	4.00	12753. 11	Cft
		Spinning section	1	13.5 8	15.33	4.00	832.73	Cft
		Store	1	8.08	15.33	4.00	495.47	Cft
		Vat & store	2	10.0 0	16.16	4.00	1292.8 0	Cft
		Dyeing proud.	1	10.0 0	16.58	4.00	663.20	Cft
			1	4.00	10.00	4.00	160.00	Cft
		Toilett	1	5.00	10.00	4.00	200.00	Cft
		Dyeing lab	1	15.4 2	10.00	4.00	616.80	Cft
		Dyeing proud.	1	10.0 0	16.58	4.00	663.20	Cft
		Water filtration	1	10.0 0	19.83	4.00	793.20	Cft
		Step	5	6.00	5.00	0.15	22.50	Cft
		Septic tank	1	11.6 6	6.66	0.15	11.65	Cft
							19642. 13	Cft
						say	<b>555.87</b>	<b>Cu m</b>

3	C.C. 1:3:6 using 40mm size stone aggregates							
	Handloom Centre	wall	1	457. 92	3.00	0.15	206.06	Cft
		Dyeing Centre	1	300. 40	3.00	0.15	135.18	Cft
	Inside Room	Workshop-	2	68.3 3	23.33	0.07 5	239.12	Cft
		Spinning section	1	13.5 8	15.33	0.07 5	15.61	Cft
		Store	1	8.08	15.33	0.07 5	9.29	Cft
			1	36.2 5	15.33	0.07 5	41.68	Cft
		Vat & store	2	10.0 0	16.16	0.07 5	24.24	Cft
		Dyeing proud.	1	10.0	16.58	0.07	12.44	Cft

			0		5		
		1	4.00	10.00	0.075	3.00	Cft
	Toilett	1	5.00	10.00	0.075	3.75	Cft
	Dyeing lab	1	15.42	10.00	0.075	11.57	Cft
	Dyeing proud.	1	10.00	16.58	0.075	12.44	Cft
	Water filtration	1	10.00	19.83	0.075	14.87	Cft
	Drying shed	1	10.00	19.08	0.075	14.31	Cft
	Open to sky	1	14.50	39.75	0.075	43.23	Cft
	Step	5	6.00	4.00	0.075	9.00	Cft
	Septic tank	1	11.66	6.66	0.075	5.82	Cft
						801.61	Cft
					say	<b>22.69</b>	<b>Cu m</b>
4	R.R.H.G. stone masonry in cm 1:6						
	Handloom Centre wall	1	457.92	2.50	1.00	1144.80	Cft
		1	457.92	2.00	1.25	1144.80	Cft
		1	457.92	1.25	2.50	1431.00	Cft
	Dyeing Centre wall	1	300.40	2.50	1.00	751.00	Cft
		1	300.40	2.00	1.25	751.00	Cft
		1	300.40	1.25	2.50	938.75	Cft
						6161.35	Cft
					say	<b>174.37</b>	<b>Cu m</b>
5	Brick work with Flyash brick in cm 1:6 in Foundation and Plinth						
	Step	5	6.00	3.00	1.50	135.00	Cft
		5	6.00	2.00	1.00	60.00	Cft
		5	6.00	1.00	0.50	15.00	Cft
	Septic tank	1	31.33	1.25	2.00	78.33	Cft
		1	31.33	0.83	3.50	91.01	Cft
						379.34	Cft
					say	<b>10.74</b>	<b>Cu m</b>
6	Brick work with Flyash brick in cm 1:6 in superstructure						
	Handloom Centre wall	1	457.92	0.83	11.00	4180.81	Cft
	Dyeing Centre	1	300.40	0.83	11.00	2742.65	Cft
						6923.46	Cft

**Techno CARE  
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	Deduct Opening						
	Door D	14	4.00	0.83	7.00	325.36	Cft
	D1	1	3.00	0.83	7.00	17.43	Cft
	Window W	35	4.00	0.83	4.50	522.90	Cft
					(-)	865.69	Cft
					Net	6057.7	Cft

							7	
						say	171.43	Cu m
7	RCC work with CC (1:1.5:3) using 12mm size hg chips in Plinth band, Lintel, Chhaja, Cover slab including centering and shuttering							
	<b>(a)Plinth band</b>							
	Handloom Centre wall	1	457.92	1.25	0.33		188.89	Cft
	Dyeing Centre wall	1	300.40	1.25	0.33		123.92	Cft
	Septictank cover slab	1	11.66	5.66	0.33		21.78	Cft
							334.59	Cft
						say	9.47	Cu m
	<b>(b) Lintel</b>							
	Handloom Centre wall	1	457.92	0.83	0.50		190.04	Cft
	Dyeing Centre wall	1	300.40	0.83	0.50		124.67	Cft
							314.70	Cft
						say	8.91	Cu m
	<b>(c ) Chhaja</b>							
	Door D	6	5.00	1.50			45.00	Sft
	Window W	25	5.00	1.50			187.50	Sft
							232.50	Sft
						Say	21.60	Sq m
8	Supplying and cutting bending Reinforcement steel Min Fe 415 grade							
	Qty Item 3 (a+b+c)		9.47+8.91+(21.60x0.065)				19.78	Cu m
			@	1Qntl/Cum			19.80	Qntl
9	Cement flush pointing to brick masonry (1:3)							
	Inside Room Workshop-	2	183.33		11.00		4033.26	Sft
	Spinning section	1	57.83		11.00		636.13	Sft
	Store	1	46.83		11.00		515.13	Sft
	Vat & store	2	52.33		11.00		1151.26	Sft
	Dyeing proud.	1	51.16		11.00		562.76	Sft
	Toilett	1	30.00		11.00		330.00	Sft
	Dyeing lab	1	35.50		11.00		390.50	Sft
	Drying shed	1	29.08		11.00		319.88	Sft
	Water filtration	1	59.66		11.00		656.26	Sft
							8595.18	Sft
				(A)	say		798.49	Sq m
	Outside							
	Handloom Centre	1	290.66		11.00		3197.26	Sft
		1	140.66		11.00		1547.26	Sft
	Dyeing Centre	1	180.		11.00		1981.7	Sft

			16 84.5 8		0 11.0 0	6 930.38 6	Sft
			1			7656.6 6	Sft
	Deduction	Door D	14	4.00	7.00	392.00	Sft
		D1	1	3.00	7.00	21.00	Sft
		Window W	35	4.00	4.50	630.00	Sft
					(-)	1043.0 0	Sft
					Net	6613.6 6	Sft
				(B)	Say	<b>614.41</b>	<b>Sq m</b>
		Total Qty (A+B)				<b>1412.9 0</b>	<b>Sq m</b>
10	Cement flush pointing to stone masonry (1:3)						
	Handloom Centre		1	290. 66	2.00	581.32	Sft
			1	140. 66	2.00	281.32	Sft
	Dyeing Centre		1	180. 16	2.00	360.32	Sft
			1	84.5 8	2.00	169.16	Sft
						1392.1 2	Sft
					Say	<b>129.33</b>	<b>Sq m</b>
11	12mm thick cement plaster (1:4) with neat cement punning on brick masonry,						
	Step		5	9.00	3.00	135.00	Sft
			5	6.00	3.00	90.00	Sft
	Septic tank		1	31.3 3	8.50	266.31	Sft
	Dado Workshop-		2	183. 33	0.75	275.00	Sft
	Spinning section		1	57.8 3	0.75	43.37	Sft
	Store		1	46.8 3	0.75	35.12	Sft
	Vat & store		2	52.3 3	0.75	78.50	Sft
	Dyeing proud.		1	51.1 6	0.75	38.37	Sft
	Toilett		1	30.0 0	0.75	22.50	Sft
	Dyeing lab		1	35.5 0	0.75	26.63	Sft
	Drying shed		1	29.0 8	0.75	21.81	Sft
	Water filtration		1	59.6 6	0.75	44.75	Sft
						1077.3 4	Sft
					Say	<b>100.08</b>	<b>Sq m</b>
12	Supplying fitting fixing MS Doors and Windows with grills in squire bar						
	Door D		14	4.00	7.00	392.00	Sft
	Window W		31	4.00	4.50	558.00	Sft
						950.00	Sft
					Say	88.26	Sq

							m
			@	15kg/sq m		<b>1323.8 3</b>	<b>Kg</b>
13	Steel Structure for Truss						
	Handloom Workshop	14	200	Kg		2800.0 0	Kg
14	Rafter, purlins nuts and washer						
	Handloom Centre	22	70.0 0			1540.0 0	Ft
		4	17.0 0			68.00	Ft
		4	17.0 0			68.00	Ft
		4	11.5 0			46.00	Ft
		3	17.0 0			51.00	Ft
	Dyeing Centre	20	14.0 0			280.00	Ft
		8	52.2 5			418.00	Ft
		4	15.0 0			60.00	Ft
		8	12.0 0			96.00	Ft
						2627.0 0	Ft
					say	800.91	Mtr
			@	3.0kg/Mt r		2402.7 4	Kg
					say	2403	Kg
15	Cost of Profile Sheet 16mm gauge						
	Handloom Centre	2	70.0 0	27.00		3780	Sft
		1	17.0 0	18.00		306	Sft
		1	17.0 0	12.00		204	Sft
	Dyeing Centre	2	52.2 5	13.50		1410.7 5	Sft
		1	12.5 0	13.50		168.75	Sft
						5869.5	Sft
					Say	545.28	Sq m
					Say	<b>546</b>	<b>Sq m</b>
16	Labour for fixing Profile Sheet					<b>546</b>	<b>Sq m</b>
17	2.5cm thick AS flooring using 12mm size cb chips						
	Inside Room                      Workshop-	2	68.3 3	23.33		3188.2 8	Sft
	Spinning section	1	13.5 8	15.33		208.18	Sft
	Store	1	8.08	15.33		123.87	Sft
	Open to sky	1	36.2 5	15.33		555.71	Sft
	Vat & store	2	10.0 0	16.16		323.20	Sft
	Dyeing proud.	1	10.0 0	16.58		165.80	Sft
		1	4.00	10.00		40.00	Sft
	Dyeing lab	1	15.4 2	10.00		154.20	Sft
	Dyeing proud.	1	10.0 0	16.58		165.80	Sft
	Water filtration	1	10.0	19.83		198.30	Sft

			0				
	Drying shed	1	10.00	19.08		190.80	Sft
	Open to sky	1	14.50	39.75		576.38	Sft
						5890.51	Sft
					Say	547.23	Sq m
18	Providing and fixing synthetic Door with frame for Toilet	1	3.00	7.00		21.00	Sft
					Say	2.00	Sq m
19	Providing and Fixing of Ceramic Floor tiles						
	Toilet	1	5.00	10.00		50.00	Sft
					Say	4.70	Sq m
20	Providing and Fixing of Ceramic wall tiles						
	Toilet	1	30.00	7.00		210.00	Sft
					Say	19.51	Sq m
21	Two coats of distemper over internal plaster over a coat of putty finish						
			same as area -9(A)			798.49	Sq m
22	Weather coat two coats over external plastered surface over a primer coat of cement wash						
			same as area -9 (B)+10			743.74	Sq m
23	Two coats of synthetic enamel over one coat of primer for doors and windows						
	Door D	14	4.00	7.00	2.25	126.00	Sft
	Window W	35	4.00	4.50	2.75	385.00	Sft
						511.00	Sft
					Say	47.47	Sq m
24	Provision for signboard 4'-0"x 3'-3"					1	no
25	Bore well of 100mm dia pipe and 0.5 HP single phase electric motor					1	set
26	Supplying and fixing Sanitary fittings for toilet including piping and overhead tank, connection and pipes for septic tank, soakpit and drainage system.						LS
27	Providing Electrification and fittings for light and fan and other fixture, switches, junction board etc.						LS
28	Provision for Land development						LS