

VAISHAL PATLIPUTRA DUGDH UTPADAK SAHKARI SANGH LTD

PATNA DAIRY PROJECT

Feeder Balancing Dairy Complex, Phulwarisharif, Patna - 801505

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PDP/PUR/ 1912

Dated-29/06/2015

TENDER NOTICE

Quotation are invited for construction of Platform of 750 KVA Transformer including installation, HT cabling and connections at Cattle Feed Factory , Jagdeopath , Patna Interested parties may quote your offer latest by 5/07/2015.

Scope of work is enclosed as Annexure - 1


AGM(Purchase)

Note : 1) For any clarification bidder may contact Manager,CFF, Patna before quoting

encls: as above.

CC : Manage,FBD/CFF
: Inchage , HCC/BCC
: Incharge,Accts,Hq
: Notice Boad , FBD
: website-patnadairy.org

Estimated cost of Platform of 750 KVA Transformer including installation, HT cabling, and connections.

Ref: (i) Detailed layout diagram of the Transformer
(ii) G A Drawing no. MP/2560/2015-16 foundation of the transformer provided by MP Transformer.

2100 Transformer Platform

2100 Materials

Sl. No.	Description	Qty	Rate	Amount
1.	Bricks in wall $1450-(200+100+75) \times (5280+4100) \times 2 = 1075 \times 8760 \times 250 / 250 \times 125 \times 75 = 2151$ Nos. = 2300	2300		
	Bricks on top 3" soling $5280 \times 4100 / 250 \times 125 = 692$ Nos. = 700.	700		
	Bricks on bottom 3" soling $(5280+300) \times (4100+300) / 250 \times 125 = 785 = 800$	800		
	Total	3800		
		4000		
2.	Tor steel 10mm $(5280 \times 4100) = 21.65 \text{m}^2 \times 10.76 = 233$ sft. X 1.5 kg = 349.5 kg	350 kg		
3.	Ganga sand $(5280-500) \times (4100-500) \times 1075 = 4780 \times 3600 \times 1075 = 18.49 \text{m}^3 \times 35.28 = 652.63$ cft / 90 cft = 7.25 tractor = 8 tractor.	8 tractor		
4.	Wheel base plate 1800mm x 150mm x 10mm x 2 = 42 kg	42 kg		
5.	Misc. Item	LS		
			Total	

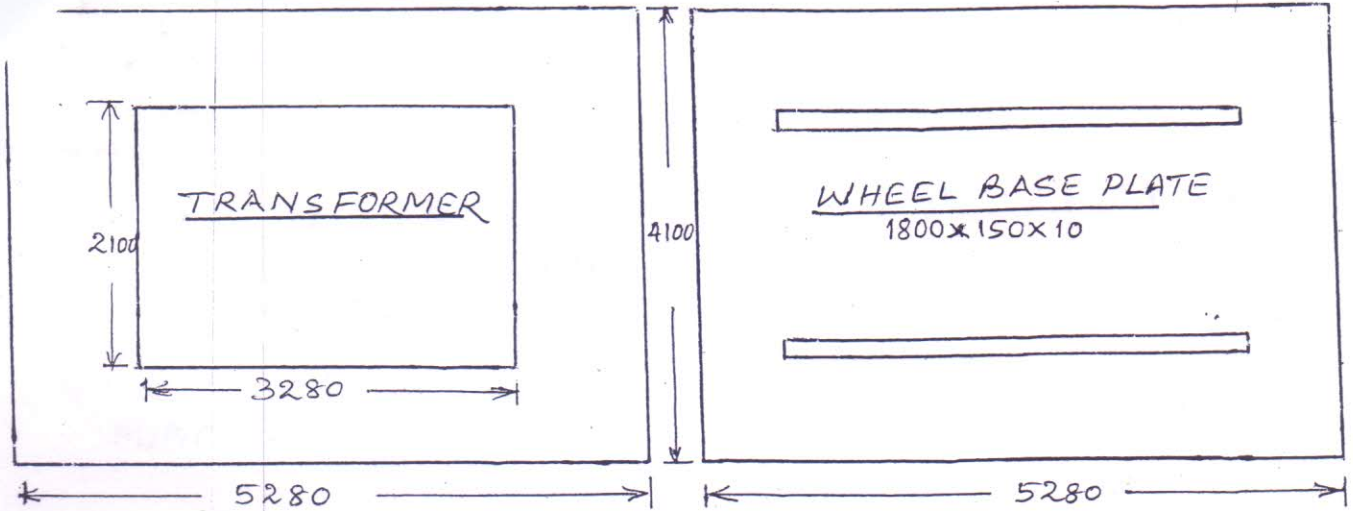
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(i) Labour Charges

Sl. No.	Description	Qty	Rate	Amount
1.	Earth cutting $5580 \times 4400 \times 450 = 11.05 \text{m}^3$	11.05		
2.	Brick Work $10''$ $1450 - (200 + 100 + 75) \times (5280 + 4100) \times 2 = 1075 \times 18760 = 20.167 \text{m}^2 \times 10.76 = 217 \text{sq.ft.}$	217 sft		
3.	Brick flat soling bottom $5280 \times 4400 = 24.55 \text{m}^2 \times 10.76 = 264 \text{sft.}$	264 sft		
4.	Brick flat soling on top $5280 \times 4100 = 21.65 \text{m}^2 \times 10.76 = 232.93 = 233 \text{sft.}$	233 sft		
5.	PCC on top and bottom Top $5280 \times 4100 \times 200 = 4.33 \text{m}^3 \times 35.28 = 152.75 \text{cft.}$ Bottom $5580 \times 4400 \times 100 = 2.455 \text{m}^3 \times 35.25 = 86.62 \text{cft.}$ ($152.75 + 86.62 = 239.37 \text{cft}$)	239.37 cft		
6.	Tor steel bending & binding $5280 \times 4100 = 21.65 \text{m}^2 \times 10.76 = 232.93 \text{sft.}$	233 sft		
7.	Sand filling $(5280 - 500) \times (4100 - 500) \times 1075 = 4780 \times 3600 \times 1075 = 18.49 \text{m}^3 \times 35.28 = 652.63 \text{cft}$	652.00 cft		
8.	Plastering $(5280 + 4100) \times 2 \times 1 = 18.76 \text{m}^2 \times 10.76 = 201.85 = 202$ $(5280 \times 4100) = 648 \text{m}^2 \times 10.76 = 232.9 = 233 \text{sft.}$ $202 + 233 = 435 \text{sft.}$	435 sft		
9.	Transportation, Handling and Development charges	LS		
10.	Misc. Expenditure	LS		
			Total	

VIEW OF TRANSFORMER PLATFORM

WHEEL BASE PLATE



TRANSFORMER

WHEEL BASE PLATE

1800x150x10

2100

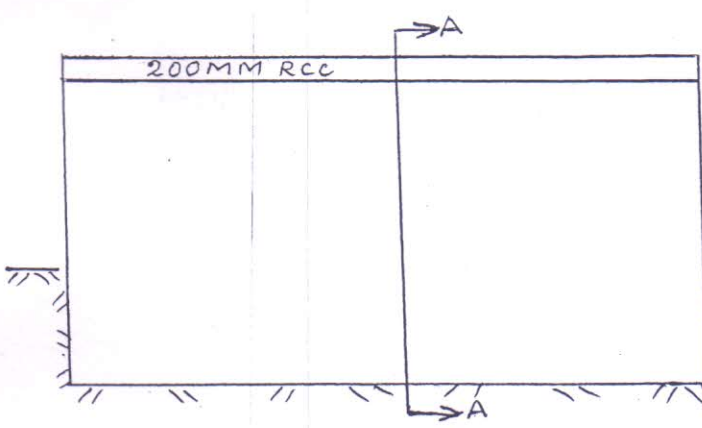
3280

4100

5280

5280

ELEVATION

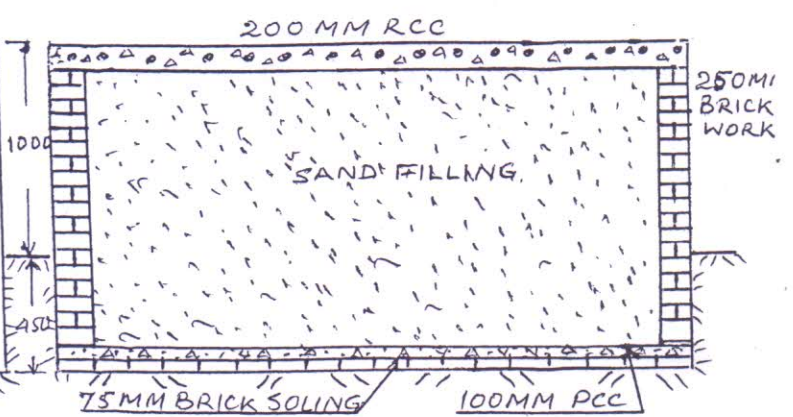


200MM RCC

A

A

DETAILS OF SECTION ON A-A



200MM RCC

250MM BRICK WORK

SAND FILLING

1000

75MM BRICK SOLING

100MM PCC

A-A

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