

## Detailed Estimate

**OD/346/3307/116290/392876/00072736 : Const of Drain from Parshuram Jena house to Dhalagadi VillMahamadabad  
GPSrijung**

**Block : Remuna, Gram Panchayat : Srijang  
Created By:DHARMENDRA JENA**

<b>1. Earth Work (AR0102aa) : Earth work in hard soil or gravelly soil foundation &amp; plinth within 50m. Initial lead and 1.5m initial lift</b>								
Earth work in hard soil or gravelly soil foundation & plinth within 50m. Initial lead and 1.5m initial lift including rough dressing and breaking clods to maximum 5cm to 7cm and laying in layers not exceeding 0.3m in depth and as per the direction of the Engineer-in-charge								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Base	1.000	50.000	0.700	0.750	0.000	26.250	-
Total Quantity					26.25 cum (cum)		26.25 Cum (Cubic Meter)	
Amount					26.25 X 240.77592		6320.37	
<b>2. Earth Work (AR0115) : Filling foundation and plinth with sand well watered and rammed</b>								
Filling foundation and plinth with sand well watered and rammed including cost, conveyance, royalty, taxes of all materials, labours and T & P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Base	1.000	50.000	0.700	0.100	0.000	3.500	-
Total Quantity					3.5 cum (cum)		3.5 Cum (Cubic Meter)	
Amount					3.5 X 1327.183632		4645.14	
<b>3. Concrete (AR0303a) : Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal</b>								
Cement concrete (1:3:6) with 4 cm. hard granite(Hand Broken) metal including laying in layers not exceeding 300 mm in depth, ramming, compacting to proper thickness, watering and curing for proper period with cost conveyance, royalty, taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Drain Base	1.000	50.000	0.700	0.100	0.000	3.500	-
Total Quantity					3.5 cum (cum)		3.5 Cum (Cubic Meter)	

<b>Amount</b>						<b>3.5 X 6149.36235176</b>	<b>21522.77</b>	
<b>4. R.C.C. Work (AR0404A) : Reinforced cement concrete work of M-20 grade with 20mm &amp; down grade size black hard crusher broken granite chips</b>								
Reinforced cement concrete work of M-20 grade with 20mm & down grade size black hard crusher broken granite chips including hoisting and laying in position compacting to specified design section and curing for proper period with cost conveyance, royalty,taxes of all materials, labour and T&P required for the work etc. complete and as per direction of Engineer-in charge. (excluding centring and shuttering)								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Base of Drain	1.000	50.000	0.700	0.100	0.000	3.500	-
ii	Drain Wall	2.000	50.000	0.150	0.700	0.000	10.500	-
Total Quantity					14 cum (cum)		14 Cum (Cubic Meter)	
<b>Amount</b>						<b>14 X 6505.0571681352</b>	<b>91070.80</b>	
<b>5. R.C.C. Work (AR0410e) : Rigid and smooth centering and shuttering for R.C.C. works including false works and dismantling them after casting</b>								
Rigid and smooth centring and shuttering for R.C.C. works including false works and dismantling them after casting including cost of materials complete in ground floor R.C.C. Lintels Data for 7.8 sqm								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Wall	4.000	50.000	0.000	0.750	0.000	150.000	-
Total Quantity					150 Sqm (Sqm)		150 Sqm (Square Meter)	
<b>Amount</b>						<b>150 X 499.57698698128</b>	<b>74936.55</b>	
<b>6. R.C.C. Work (AR0409) : Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position</b>								
Supplying, fitting, and placing uncoated HYSD bar reinforcement including labor charges for cutting, bending, binding, and tying the grills and placing in position including cost of binding wire 18 to 20 gauge with cost of steel rod and as per drawing, design, and direction of Engineer-in-charge.								
SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	For RCC Work	1.000	1.000	1.000	6.300	0.000	6.300	-
Total Quantity					6.3 Qntl (Quintal)		6.3 Qntl (Quintal)	
<b>Amount</b>						<b>6.3 X 8638.4039318</b>	<b>54421.94</b>	

**7. miscellaneous (ARM260) : Laying and fixing in position R.C.C. spun pipes with collars jointed with cement mortar 1:3 complete excluding cost of spun pipes and collars 450mm dia R.C.C. pipe. (Other miscellaneous items) and as directed by Engineer-in-Charge.**

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SI No	Description	No	L	B	D	CF	Quantity	Deduction
i	Humewpipe	3.000	2.400	1.000	1.000	0.000	7.200	-
Total Quantity					7.2 DM (Decimtr)		72 Rmt (Meter)	
Amount					72 X 30.32		2183.04	
Total Amount							255100.61	
<b>Addition</b>								
Provision for PH Work (+) @							1.00	
Provision for EI Work (+) @							1.00	
Provision for Contingency (+) @							3000.00	
Display Citizen Board (+) @							5000.00	
Any Other Lumpsum (+) @							36897.00	
Provision for survey investigation and quality control (+) @								
Total Addition							44899.00	
Grand Net Total Amount							299999.61	

**DHARMENDRA JENA**  
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Remuna Block

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**Sourav Sarthak Mohapatra**  
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