

Name of work - सुरक्षा रंगी जाल सफाई योजना (INDB)
BPP-690 विद्युत पुनर्स्थापना
महादेविका जलाशय

01/5BP
22/25

Schedule XLV-Form No. 134

Donapur

DIVISION

Phulwarisharif

SUB-DIVISION

M.B.No-1572

Measurement Book

Name of Agency - Rajan

Name of Work-
 Situation of Work-
 Agency by which work is executed-
 Date of Measurement-
 No. and date of agreement

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of Road:-	const of road from				
	Nehrua Pool to Madhopur				
	Makadali-tola.				
Agreement No -	01/SBD/2024-25				
Head - (MMGSY - NDB) -	BRRS - 690				
Date of commencement -	15/07/2024				
Date of completion as per agreement	- 14/07/2025				
Agreement Rate (-)	19.30% (Below)				
Agency Name -	Rajan				
	Road No - 08, Indrapuri,				
	Keshu Nagar, Patna - 24.				
	Record measurement				
	Date of Entry - 16.07.2024.				
① Prov & fixing of typical MMGSY infor-					
-matory sign board etc					
	= 01 to 01 no				
	Total 01 no				
② Prov & fixing citizen information					
board etc					
	= 01 no.				
	Total 01 no.				

Continuation

[Signature]
 16/07/24
 SP/fuwarshif

Second measurement

Date of Entry:- 07.08.21.

2

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① setting out work complete with const- of BM etc					
		250m + 190m	440m		
			0.440km		
② clearing and grubbing grass & removal of rubbish etc					
		2 x 2 x 30.00 x 3.00 =	1440.00m ²		
		2 x 1 x 10.00 x 3.00 =	60.00m ²		
		2 x 6 x 30.00 x 3.00 =	1080.00m ²		
		2 x 1 x 10.00 x 3.00 =	60.00m ²		
			2640m ²		
			≈ 0.264 Hec		
③ Dismantling of existing structure like culverts etc. (cement concrete)					
		1 x 3.50 x 1.54 x 0.15 =	0.81m ³		
④ Dismantling Brick work etc					
		2 x 5.60 x 0.825 (Avg) x 2.50 =	23.10m ³		
⑤ Removing all type of stum pipe etc					
		2 x 5.00 =	10.00m		
⑥ Construction of embankment with approved material obtained from borrow pits etc					

Continuation Continue

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Earthwork Qty as per DPR provisions					
(i) for 100 Lead =					265.66 M ³
allowed Qty =					265.66 × 0.70
					= 185.96 M ³
(ii) for 1000m Lead =					66.42 M ³
allowed Qty =					66.42 × 0.80
					= 53.14 M ³
⑦ filling in foundation trenches etc					
04 × 30.00 × 5.50 × 0.10 =					66.00 M ³
04 × 30.00 × 5.50 × 0.10 =					66.00 M ³
					132.00 M ³
⑧ Earthwork in excavation for foundation of structure etc					
2 × 6.450 × 1.610 × 1.55 =					32.19 M ³
3 × 4.430 × 1.530 × 0.365 =					2.47 M ³
					34.66 M ³
⑨ Providing M15 (P.C.C. 1:2:5) as levelling course etc					
2 × 6.450 × 1.610 × 0.200 =					4.154 M ³
1 × 5.39 × 1.53 × 0.250 =					2.062 M ³
					6.216 M ³
Less for pipe (for upper position)					
1 × 0.050 × 0.786 × (1.230) ² × 5.30 =					(Not allowed) (-) 1.15 M ³
					= 0.14
Net Qty =					6.216 M ³

Continuation

Cejali
 09/08/2024
 AE, Phulwarisharif

Amr
 09/08/24
 JE/Phulwarisharif

Date of Entry: 12-08-24

4

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
(1) Plain/reinforced cement concrete in substructure etc					
	2x6	150	0.720 (Avg)	x 3.28	36.376m ³
	2x6	150	0.400	x 0.600	2.952m ³
Deduction for pipe					
	2x0.786	x (1.290) ²	x 0.805	= (-)	1.91m ³
	Net Qty =>				37.418m ³
	allowed Qty =>				37.41m ³
(2) Providing & fixing RCC HP3 for Culvert etc					
	2x3	2.50			7.50 km
(3) Construction of granular sub-base coarse etc					
	03x30.00	x 3.75	x 0.40	=	23.75m ³
	03x30.00	x 3.75	x 0.40	=	33.75m ³
				=	67.50m ³
(4) Excavation for structure etc					
	01x30.00	x 1.90	x 1.20	=	68.40m ³
(5) Plain concrete M10 (1:3:6 nominal mix) in levelling coarse etc					
	01x30.00	x 1.30	x 0.20	=	11.40m ³

Continuation

Continuation

Cajal
10/8/2024

12/08/24
JE/fuleoarielarf

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
01/01					
Setting out work complete etc					
Ref Bf VIMB Pg No - (02)					
= 0.44 km @ Rs 17619.00 = Rs 7752.00					
02/02					
clearing grass and removal of rubbish etc					
Ref Bf VIMB Pg No - (02)					
= 0.26 Hec @ Rs 20 29 1.53 / Hec = Rs 5276.00					
03/03					
Dismantling structure etc					
(1) cement concrete					
Ref Bf VIMB Pg No - (02)					
= 0.81 m ³ @ Rs 627.18 / m ³ = Rs 508.00					
A(ii) Dismantling of Brick work etc					
(4) = 23.10 m ³ @ Rs 782.12 / m ³ = Rs 18067.00					
06/05					
Removing all types of stone pipe culvert etc					
Ref Bf VIMB Pg No - (02)					
= 10.00 RM @ Rs 263.38 / RM = Rs 2634.00					
c/o Total Rs 34237.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
11/20 - Plain cement-concrete M10 etc					
Ref B/f VTMB Pg No - (04)					
= 11.40 m ³ @ Rs 6586.32/m ³ = Rs 75087.00					
12/21 - Prov concrete for plain/reinforced etc					
Ref B/f VTMB Pg No - (05)					
= 36.90 m ³ @ Rs 6352.81/m ³ = Rs 234419.00					
13/22 - Plain/reinforced cement concrete etc					
Ref B/f VTMB Pg No - (5)					
= 30.60 m ³ @ Rs 6987.32/m ³ = Rs 213812.00					
14/24 - Prov & fixing of typical MMSI informatics etc					
Ref B/f VTMB Pg No - (01)					
= 01 no @ Rs 14094.44/Esch = Rs 14094.00					
15/25					
Prov & fixing of citizen information board etc					
Ref B/f VTMB Pg No - (01)					
= 01 no @ Rs 11932.11/no = Rs 11932.00					
C/O P.O. 95					1446.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	
16/03 - Earth work excavation for structure				
Ref Q4 VTM B Pq No - (01)				
$= 34.66 \text{ m}^3 @ \text{Rs } 405.33/\text{m}^3 = \text{Rs } 14066.00$				
17/34				
Prov MIS (PCC 1:2.5:5) as leveling				
Coarse etc				
Ref Q4 VTM B Pq No - (03)				
$= 6.216 \text{ m}^3 @ \text{Rs } 6352.81/\text{m}^3 = \text{Rs } 39489.00$				
18/38				
Plain reinforced cement concrete etc				
Ref Q4 VTM B Pq No - (04)				
$= 37.41 \text{ m}^3 @ \text{Rs } 6787.12/\text{m}^3 = \text{Rs } 251388.00$				
19/36 - Prov & laying RCC NP-3 pipe etc				
(ii) 1000mm dia				
Ref Q4 VTM B Pq No - (04)				
$= 7.50 \text{ m} @ \text{Rs } 7556.40/\text{m} = \text{Rs } 56673.00$				
Total				Rs 1323062.00
Add GST @ 18%				(+) Rs 238151.00
Add Siegwage L/coss				(+) Rs 13231.00
Add Siegnorage				(+) Rs 23595.00
Total				Rs 1598039.00
Less 19.90% as per agreement				(-) Rs 318010.00
Net Amount				$\Rightarrow$ Rs 1280029/-

Continuation

Cajali
23/08/2024
AC

20/08/24
JE/fulwarkin