

KETTI TOWN PANCHAYAT
SCHEDULE – A

Name of the Scheme : **SADP- 2020-2021**

Name of the work : **Providing Water Supply to Old Aruvankadu In Ketti Town Panchayat(GLR,Well,Pump Room,Submersible Pump Set and Pipeline) IN Ketti Town Panchayat**

Mr. No.....Dt.....

Est. Amount : Rs. 1920000.00

Sold to Thiru:.....

Tender Date

Executive Officer
Ketti Town Panchayat

Contract Value :

Schedule of rates and approximate quantities to accompany the tender for the work of

(a) The quantities have given are those upon which the lump sum tender cost of the work is based, but they are subject to alternations, omissions deductions of additions a provided for in the conditions of the contract and do not necessarily show the actual quantities of work to be done.

The unit of rates noted below are those governing payment for extras of deduction for omission according to the conditions of the contract in the conditions and specifications for the contract.

(b) It is to be expressively undertook that the measured work it is to be taken out (not with standing any outstemerly practice to the contrary) according to the actual quantities who the place and finished according to the drawing or as may be ordered from time to time. The rates quoted are for works in site and complete in every respect.

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
1	35.00 m3	Earthwork excavating for open cutting and depositing on Bank within initial lead of 10mt and lift of 2m in Hard stiff clay , stiff black cotton , hard red earth, shales ,murram, gravel , stoney earth and earth mixed with small size boulders etc., complete complying with standard specification.	One Cubic Meter		
2		Sinking well in hard stiff clay , light black cotton soil , hadr red earth , shales , murram, gravel , stoney earth and earth mixed with small size boulders and hard gravelly soil including bailing or pumping charges if necessary etc. complete - For 4 M Internal dia			
	2.00 Rm	I. Depth - 2 Meters	One Running Meter		
	2.00 Rm	II. Depth - 2 Meters	One Running Meter		
	2.00 Rm	III. Depth - 2 Meters	One Running Meter		
3	23.00 m3	Earthwork excavating for foundation and depositing on Bank within initial lead of 10mt and lift of 2m in Hard stiff clay , stiff black cotton , hard red earth, shales ,murram, gravel , stoney earth and earth mixed with small size boulders etc., complete complying with standard specification.	One Cubic Meter		
4		Cement concrete in 1:4:8[one cement and five sand and ten aggregate] using 40 mm size ISS grade machine crushed chips including the cost of mixinglaying curing etc., complete complying with standard specification.			

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
	10.00 m3	For GLR, well and pump room	One Cubic Meter		
5		Random rubble masonry in c.m 1: 5 (one cement five sand) using best new rough and bond stones including simultaneous pointing above ground level with the same mortor including curing, cost and conveyance of all materials and labour charges etc,complete as per SS.			
	3.00 m3	For Well and Pump room	One Cubic Meter		
6		Supplying and Erecting Steel Centering for sides and soffits including supports and strutting plane surfaces such as RCC Slabs, Rectangular Beams, TEE or ELL Beams, Lintels, Bed blocks, Staircase waist and Landing slabs, Landing Beams, canopy etc., with all cross brasings using mild steel sheets of size 90cmx60cm and 10 gauge stiffened with welded MS angles of size 25mmx25mmx3mm for boarding laid over silver oak (CW) joists of size 10cmx6.5 cm spaced at about 90cm c/c and supported by causrina props of 10cm to 13cm dia spaced at 75cm c/c etc., complete complying with standard specification and as Directed .			
		For Curved centering			
	269.00 m2	For GLR,Well	One Square Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
		For Plain centering (upto 1 m Height)			
	43.00 m2	For Well and Pumproom	One Square Meter		
		For Plain centering (3.29 m Height)			
	22.00 m2	For GLR Outer And Well	One Square Meter		
7		Supplying, fabricating and placing in position of Steel Reinforcement using Mild steel or Ribbed tor steel rods, for all RCC works as per the design given by the departmental officers including cost of steel and binding wire and all labour charges for cutting, bending, tying and placing in position etc, complete as per SS.			
	3400.00 Kg	For GLR, well and pump room	One Kilo Gram		
8		Reinforced cement concrete in 1:1 1/2:3[one cement and one and half sand and four the aggregate] using 20 mm size IRC grade machine crushed chips and excludingcost of reinforcement and centering works and including the cost of mixing,laying , curing ,and etc.,complete complying with standard specification .			
	41.00 m3	For GLR,Well and Pump room	One Cubic Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
9		Brick work In CM 1:5 mix using best country bricks of size 22cm x 11cm x 7cm having 350kg/cm ² compressive strength and 15% or less water absorbent in the period of 24 hours immersion and confirming to ISI specifications. and using the screened sand and all the materials should be approved by the competent technical authorities etc complete complying with standard specification--			
	4.50 m ³	For pump room	One Cubic Meter		
10		Cement concrete in 1:3:6 [one cement and three sand and six aggregate] using 40 mm size ISS grade machine crushed chips including the cost of mixing, laying, curing etc., complete complying with standard specification.			
	5.50 m ³	For well	One Cubic Meter		
11	1.00 Nos	Supplying and fixing of R.C.C Jolly of size 0.45x0.45 including cost and conveyance of all materials and labour charges etc, complete as per SS	One Number		
12	340.00 kg	Supply and fixing of Mild steel door using L angles , M.S patta , and M.S sheet of required size and gauge including priming coat the rate including cost and conveyance of all materials to work site and labour charges etc., complete complying with standard specification	One Kilo Gram		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
13		Plain Cement concrete 1 : 2 : 4 (one cement, two sand and four aggregates) using 20mm ISS HBG metal including cost and conveyance of all materials and labour charges for mixing, laying, compacting and curing etc, complete as per SS			
	1.00 m3	For GLR And Pumproom	One Cubic Meter		
14		Plastering in cement mortar 1:3 mix 10mm thick using clean screened sand and including cost of curing for fifteen days from the completion of the work and surface should free from undulations and including the cost of preparing the surface for plastering and protecting for plastering for plastering and protecting from other damages till setting of mortar etc.complete complying with standard specification-			
	8.00 m2	For GLR And Pumproom	One Square Meter		
15	50.00 m2	Plastering in cement mortar 1:5 mix 12mm thick using clean screened sand and including cost of curing for fifteen days from the completion of the work and surface should free from undulations and including the cost of preparing the surface for plastering and protecting for plastering for plastering and protecting from other damages till setting of mortar etc.complete complying with standard specification-	One Square Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
16	4.00 m2	Plastering in cement mortar 1:5 mix 20mm thick using clean screened sand and including cost of curing for fifteen days from the completion of the work and surface should free from undulations and including the cost of preparing the surface for plastering and protecting for plastering for plastering and protecting from other damages till setting of mortar etc.complete complying with standard specification	One Square Meter		
17		Plastering in cement mortar 1:3 mix 12mm thick using clean screened sand and including cost of curing for fifteen days from the completion of the work and surface should free from undulations and including the cost of preparing the surface for plastering and protecting for plastering for plastering and protecting from other damages till setting of mortar etc.complete complying with standard specification			
	130.00 m2	For GLR and Well	One Square Meter		
18	22.00 m2	white washing two coats using best shellime and preparing the surface fit for white washing as confirming to the IS 6278-1971	One Square Meter		
19	86.00 m2	Painting Two coats using best quality oil bound distemper and the colour should be get approved before applying and etc complete complying with standard specification.	One Square Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
20	35.00 m2	Painting two coats for New iron work surface using best quality synthetic enamel paint etc complete complying with standard specification	One Square Meter		
21	1.00 No	Supplyiing and delivery of open well submersible 10 HP pump set as per IS 14220/2002 , 350 LPM X 100 m. with sutiable panal board with - 3 Phase Panel board - star delta with two level guard and auto start etc., complete complying with standard specification	One Number		
22		Supplying and delivery of following dia "B" class GI Pipe , with standard weight and brand and the rate including all cost and conveyance of all materials to site and Labour charges etc complete complying with standard specification.			
	200.00 Rmts	50mm dia pipes	One Running Meter		
	60.00 Rmts	40mm dia pipes	One Running Meter		
	60.00 Rmts	32mm dia pipes	One Running Meter		
	60.00 Rmts	25mm dia pipes	One Running Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
23	1.00 No	Labour charges for the erection of submersible 10HP pumpset in openwell including fixing and jointing submersible cable with proper clamps upto the starter to required depth and also fixing of riser pipes to the required depth valves erection clamps, pressure gauges upto the exterior wall of pump room and erection of panel board consisting of TPICN switches starter, Voltmeter, Ammeter, three pilot (indicating) lamps capacitor single phasing preventor, water level guard and laying and jointing the cables and twin earthing as per IE rules etc., complete and testing the pumpset and trail run for 10 days.	One Number		
24		Laying and jointing G.I pipes and G.I specials to proper gradient and alignment and testing the pipe with water and the rate including cost and conveyance of all charges etc., complete.			
	200.00 Rmts	50mm dia pipes	One Running Meter		
	60.00 Rmts	40mm dia pipes	One Running Meter		
	60.00 Rmts	32mm dia pipes	One Running Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
	60.00 Rmts	25mm dia pipes	One Running Meter		
25		Labour charges for cutting and threading G.I pipes and the rate including cost and conveyance of all charges etc., complete.			
		Cutting			
	10.00 Nos	50mm dia pipes	One Number		
	5.00 Nos	40mm dia pipes	One Number		
	5.00 Nos	32mm dia pipes	One Number		
	5.00 Nos	25mm dia pipes	One Number		
		Threading			
	20.00 Nos	50mm dia pipes	One Number		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
	10.00 Nos	40mm dia pipes	One Number		
	10.00 Nos	32mm dia pipes	One Number		
	10.00 Nos	25mm dia pipes	One Number		
26	24.00 Rmts	Supply and fixing of PVC insulated and sheathed 3 core 4 sq mm flat type copper cable conforming to IS 694/1990 for the year 2016-17	One Running Meter		
27	2.00 Nos	Wiring with 2 X 1.5 sqmm (22.0.3) PVC insulated SC unsheathed Cu. Conductor of 1100 V grade in suitable PVC rigid pipe concealed in wall and ceiling with PVC accessories and with TW switch box and 5A F.T switch with painted of suitable colour for PVC open light point etc., completed.	One Number		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
28	1.00 Nos	Supply and fixing of TNEB meter board suitable for 32 A Three phase service connection with 3 numbers of 32 A fuse unit (500 volt) 32 Amps neutral link and earth link (1" X 1/8" Copper flat) on TW plank of size 600 mm X 450mm X 19 mm with supporting TW reepers of 1" thick an either side with paining with suitable bolt and nuts for fixing the TW plank on wall earth connection and inter connection with 7/20 PVC insulated copper wire from EB meter to fuse unit.	One Number		
29	1.00 Nos	Supply and fixing of 32 A TP NMC Switch on suitable angle iron frame work with M.S cable entry box with earth connections	One Number		
30	3.00 Rmts	Supplying and run of 4 sqmm (56/0.3) PVC insulated SC unsheathed Cu. conductor of 1100V grade in 25 mm dia G.I pipe (class B) bent at both ends with neccessary angle iron up right and end support for mains P 32 -SD 70	One Running Meter		
31	15.00 Rmts	Supply and run of 4 of 4 Sq. mm (56/0.3) PVC insulated SC unsheathed cu. Conductor of 1100 V on 7/20 GI bearer wire for service connection mains P 31 - SD- 66	One Running Meter		

S. No	Quantity	Description of Work	Units	Rate in Figures	Rate in Words
32	2.00 Nos	Supply and fixing of WT bulk head fittings (philips /bajaj/k.lite / crompton greaves) suitable for incandescent lamp with guard and 11 w CFL P 36 SD-83	One Number		

Signature of Contractor.