

बिहार सरकार
ग्रामीण विकास विभाग

पत्रांक 4/6266
गा0वि0 7(सा0वा0)- 01/2015

पटना, दिनांक 11-03-2019

प्रेषक,

सी0 पी0 खंजूजा,
आयुक्त, मनरेगा ।

सेवा में,

सभी जिला पदाधिकारी-सह-जिला कार्यक्रम समन्वयक,

सभी उप विकास आयुक्त-सह-अपर जिला कार्यक्रम समन्वयक,
(दक्षिण बिहार), बिहार ।

विषय:- मनरेगा अंतर्गत दक्षिण बिहार हेतु सामाजिक वानिकी योजनाओं के लिए चापाकल की संशोधित मानक प्राक्कलित राशि की स्वीकृति के संबंध में ।

प्रसंग:- उप विकास आयुक्त, बांका के पत्रांक 1957 दिनांक 24.09.2018, उप विकास आयुक्त, गया के पत्रांक 3329 दिनांक 21.11.2018 एवं विभागीय पत्रांक 372802 दिनांक 02.06.2018

महाशय,

उपरोक्त विषयक प्रसांगिक पत्रों के आलोक में विभागीय स्तर पर सम्यक विचारोपरांत दक्षिण बिहार में सरकारी भूमि / निजी भूमि पर किये जाने वाले सामाजिक वानिकी (वृक्षारोपण) कार्य हेतु चापाकल के निम्न प्रावधानों पर निर्णय लिया गया है :-

1. दक्षिण बिहार में सरकारी भूमि / निजी भूमि पर वृक्षारोपण के साथ चापाकल लगाने की अनिवार्यता होने की स्थिति में सर्वप्रथम संबंधित जिला के मनरेगा कार्यपालक अभियंता यदि जांच में यह पाते हैं कि हस्तचालित विधि से चापाकल लगाना उपयुक्त होगा तो विभागीय पत्रांक 372802 दिनांक 02.06.2018 में निहित प्रावधान के अनुरूप सरकारी भूमि पर वृक्षारोपण की दो इकाईयों के विरुद्ध एक हस्तचालित चापाकल का प्रावधान किया जा सकता है एवं निजी भूमि के मामले में यदि दो इकाई का क्लस्टर (200 मीटर की दूरी के अंदर उपलब्ध) हो तो उन दो इकाईयों के लिए एक चापाकल का प्रावधान किया जा सकता है । निजी भूमि पर क्लस्टर की अनुपलब्धता की स्थिति में एक इकाई पर भी एक चापाकल का प्रावधान किया जा सकता है । इस तरह के हस्तचालित चापाकल की स्वीकृत संशोधित प्राक्कलित राशि 21,800/- रुपये है ।
2. यदि मनरेगा कार्यपालक अभियंता तकनीकी जांच में यह पाते हैं कि हस्तचालित विधि से लगाये जाने वाले चापाकल व्यवहारिक स्तर पर सफल एवं उपयुक्त नहीं हो सकेंगे तो उनके द्वारा निर्गत इस आशय के प्रमाण-पत्र के आधार पर Reverse Circular Method के दो विकल्पों (45 मीटर Gravel Packed) स्वीकृत प्राक्कलित राशि 55,200/- रुपये अथवा (70 मीटर गहरा डील) स्वीकृत प्राक्कलित राशि 47,050/- रुपये में से किसी एक विकल्प का प्रयोग कर चापाकल लगाया जा सकता है । परन्तु, सरकारी भूमि पर कम से कम पाँच इकाईयों के लिए एवं निजी भूमि पर क्लस्टर में पाँच इकाईयों होने पर ही इन दोनों विकल्पों में से किसी एक का चयन किया जा सकता है ।

3. विभागीय तकनीकी कोषांग / अभियंत्रण शाखा द्वारा तैयार किये गये उपरोक्त तीनों प्रकार के मॉडल प्राक्कलनों की प्रति आवश्यक कार्रवाई हेतु संलग्न की जाती है। निर्णयानुसार इन प्राक्कलनों में PHED की दर में से Contractor Profit एवं Handling Charge घटाकर सक्षम स्तर से तकनीकी स्वीकृति प्रदान की गयी है। साथ ही PHED की दर विभिन्न प्रकार की विधि के लिए 30 मीटर, 45 मीटर एवं 70 मीटर गहराई के लिए उपलब्ध करायी गयी है और वास्तविक स्थिति में यह गहराई कम भी हो सकती है। ऐसी परिस्थिति में वास्तविक गहराई के अनुसार ही चापाकल के मजदूरी एवं सामग्री दर अनुमान्य होंगे।

अनु०- यथोक्त।

विश्वासभाजन
07.03.19.
(सी० पी० खंडूजा)
आयुक्त, मनरेगा

Model Estimate


1520

CONSTRUCTION OF 125MM DIA AND 45 MTR. DEEP GRAVEL PACKED T/W WITH INDIA MARK 2ND HAND PUMP (DRILLING WILL BE DONE BY REVERSE CIRCULAR METHOD FOR DRAUGHT PRONE AREAS FOR THE YEAR 2015-16)

Sr. No.	Particulars	Qty.	Unit	Rate (In Rs.)	Amount (In Rs.)
1	Transportation of Rig machine with necessary equipment and materials to work site.	One items		L.S.	1010
2	Providing all equipment and labor and drilling in all kinds of soil (Soft) hard, sand & stones by reverse circular method 300/250 mm dia bore hole for inserting of 125mm U.P.V.C. casting pipe/slotted pipe PVC screening pile for installation mark in hand pump.				
	i) From G.L. to 30 mtr. Depth	30	mtr	326.46	9793.80
	ii) 30 mtr. to 45 mtr. Depth	15	mtr	326.46	4,896.90
3	Providing all equipment and labour lowering 125mm dia U.P.V.C. casing slotted U.P.V.C. W.V.C. ribbed screen pipe imperfect vertically conforming to the available strata (slotted pipe screen pipe area to be lowered in water bearing aquifer as per direction of E/I at site and also where casing pipe will be lowered.	44	Mtr.	20.32	894.08
4	Supplying fitting & fixing the following G.I. fitting of approved make and specification at work site complete job				
	(a) 125 mm center guide nos. in each T/W	4	Nos.	153.02	612.08
	(b) 25 mm dia well plug	1	No.	76.51	76.51
	(c) Clamp for 125 mm dia pipe	1	No.	142.81	142.81
5	Supplying 3mm, to 6mm well washed assorted pea gravel and doing surrounding around the annular space between bore hole & 125mm pipe uniformity up to the depth 10 mtr. below G.L. all work complete as per direction of E/I.	1.4	M3	2523.28	3532.59
6	Supplying all materials labors and equipments to seal T/W up to the depth of 10 mtr. below G.L. by sticky clay to prevent contamination from surface from all complete job as per direction of E/I.	1	Item	51.01	51.01
7	Supplying all materials labors and equipments including 125mm dia G.I. Cap/C.I cap over the ending of 125mm dia T/W properly all complete	1	No.	144.08	144.08

Sr. No.	Particulars	Qty.	Unit	Rate (In Rs.)	Amount (In Rs.)
8	Supplying all labour and material and fixing india mark II hand pump with all accessories all complete job as per direction if E/I.	1	No.	143.2	143.20
9	Carriage of necessary equipment & materials	1	No.	287.5	287.50
10	Supplying all tools labors and equipments for lowering 32mm dia medium quality G.I. pipe (riser pipe) in T/W in 3 mtr. length all complete job as per direction of E/I.	24	Mtr.	20.32	487.68
11	Providing all material and labor and construction 1.85m dia circuit PCC (1:2:4) Unicef design platform with foot rest etc. all complete	1	Item	4800	4800
12	Supplying all material labour equipments for construction P.C.C. (1:2:4) 1 drain as per construction and UNICEF design etc all completed job.	3	Mtr.	552	1656
13	Supplying all tools equipments & labor for flushing washing and developing the T/W to each ch..... clear water and all complete job as per direction and E/I.	0.5	H	646	323
14	Providing labor for fitting and fixing deep well cylinder with necessary connecting rod and including supplying jointing materials, all tools and plants etc. required for all job for low water level all complete as per specification.	1	Item	198.3	198.30
Total (A)					29,049.54
15	Coast of Materials				
	(a) Marked UPVC Ribbed stranger 125mm (Each of 3 mtr. in length) conform to the I.S. 12818-1983-1992	2	Nos.	1,551.00	3,102.00
	(b) PVC pipe 125mm conform to the I.S. 12818-1983/1992	38	Mtr	432	16,416.00
	(c) Marked Hand pump IM-II conforming to IS:15500 (pt-1 to 8)/2004	1	No.	9284	9284
	(d) Marked G.I. pipe 32 mm confirming to IS:1239 (Part-1-4)	24	M	234	5,616.00
Total (B)					34,418.00
Grand Total (A+B)					63,467.54
Less (C.P. +O.H.13.045%)					8279.34
Cost of One No. I.M.II T/Well				Rs	55,188.20
Cost of One No. I.M.II T/Well				Say	Rs 55200.00

Technically approved for Rs 55200.00 (Rupees fiftyfive thousand & two hundred only).


 21/02/2019
 कार्यपालक अभियन्ता

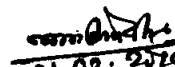
MODEL ESTIMATE

ESTIMATE FOR THE WORK :- CONSTRUCTION OF NEW 125/115MM DIA X 70M DEEP DRILLED TUBE WELL BY D.T.H. (EDS/KPD/CP/CP) RIG MACHINE WITH INDIA MARK-III HAND PUMP, PLATFORM & DRAIN IN THE DISTRICT OF GAYA.

Sl. No.	PARTICULARS	Qty.	UNIT	RATE (Rs.)	AMOUNT (Rs.)
AT MATERIAL COST					
1	Supply of ISI marked 125mm dia & 3 mtrs. long unplasticised polylay chloride (UPVC) pipe using pipe as per IS 12818/92 (1st Division) with latest amendment and duty screen printed GOR/PHED/2010 marked on both ends.	18	Mtrs.	315	5670
2	Supply of ISI mark deep well Hand Pump IM III conforming to IS 13056/91 with latest amendment complete with 8 nos. of Rods bores electro galvanized fitted with coupler and with normal stand assembly recommended for use in bore well having 125mm nominal bore casing pipe without riser pipe duly engraved GOB-2010 marked on each pump.	1	No.	8550	8550
3	Supply of ISI marked 65 mm medium class galvanized mild steel tubes (continuously welded) Electric Resistance Waived (ERW)/High Frequency Induction Welded (HFIW)/Hot finished Welded (HFW) type screwed at both ends to IS 554/1985 for pipe threading suitable for water gas application with socket at one end and other end protected with plastic thread in 3m length with to..... +/- 50mm confirming to IS:1239 (Part-I)/2004 with latest amendment in nominal bore and medium class of pipe given below. The socket shall be manufactured from seamless pipe or machined from solid bar confirming to grade Fe-410SIS:226/1975 with the dimension (length and diameter) as specified and IS:1239 (Part-II)/92 and should be hot dipped galvanized duly engraved GOB/2010 marked on every meter of pipe at least once.	8	Nos	1062	8496
4				Total (A)	22716
(B) LABOUR COST					
5	Drilling in all kinds of soil & rock in rural area for installation of India Mark-III hand pump with DTH rig all complete including supplying all materials, labours, tools, drilling rig, air compressor & equipment as well as fuel lubricants for making 125mm/115mm dia boring & cost of transporting charges of rig machine & other vehicle up to site of the work as per specification & direction of E/I.				
	a) Up to 30.0 M depth below G.I.	30	Mtrs.	296	8880
	b) Beyond 30.0 M upto 70.0 M.	40	Mtrs.	326	13040

6	Supplying all materials, labours & equipments for lowering 125mm dia PVC poles are casing for protecting the side from failing during the process of drilling all complete including carriage to work site.	18	Mtrs	5.5	99	
7	Supplying labour, cement & calcium chloride of bentonites solution & equipments for grouting to casing pipe after lowering in the bore etc. all complete as per specification & direction of E/I.	1	No.	51.45	51.45	
8	Supplying all tools, equipments & labour & doing washing, flushing & development of drilled tube well to give clean & clear water all complete as per direction of E/I.	0.5	Hour	1071.6	535.80	
9	Supplying labour & equipment including 125 mm dia G.I. Cap & fitting & fixing over the tube well properly & taking it out as per direction of E/I.	1	No.	65	65	
10	Supplying all tools, equipments & labours & lowering 65mm dia G.I. Suspension pipe 3.0 Mtr. length in the drilling bore of tube well etc. all complete job as per direction of E/I.	24	Mtrs.	21.34	512.16	
11	Providing all labours for fitting & fixing deep well cylinder jointing materials chrome leather bucket all tools & plants etc. required for the job low water level all complete job as per specification & direction of E/I.	1	No.	92.07	92.07	
12	Proving all labours for fitting & fixing I.M.-III hand pump including supplying all tools & plants required for the all job complete as per direction of E/I.	1	No.	104.7	104.7	
13	Supplying all materials, labours & equipments for constructing 3.60m x 3.05 m P.C.C. (1:2:4) over one brick flat soling platform with foot rest etc. all complete job.	1	No.	7063.2	7063.2	
14	Supplying all materials, labours & equipment for constructing P.C.C. (1:2:4) drain as per UNICEF design etc. all complete job.	3	Mtr.	308	924	
15	Total(B)				31367.38	
16	Total (A+ B) =		22716	+	31367.38	54083.38
17	Less (C.P. +O.H.13.045%)				7055.18	
18	TOTAL				47028.20	
19	SAY				47050	

Technically approved for Rs 47050.00 (Rupees forty seven thousand and fifty) only.


 21.02.2020
 कार्यपालक अभियन्ता

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MODEL ESTIMATE

Construction of 80mm x 40mm x 30Mtr. (100 ft) Average Hand Operated T/W with Cylinder & G.I. Pipe under P.H.E.D. Division Gaya.

Sr. No.	Particulars	Qty.	Unit	Rate (In Rs.)	Amount (In Rs.)
(A)	Cost of materials				
1	C.I. shallow well hand pump conforming to IS:8035/199 (Latest)	1	No.	3429	3429.00
2	40mm dia & 2.0 mtr. Long PVC ribbed Strainer of approved quality with shoe plug	2	No.	246	492.00
3	80mm dia G.I. pipe (light quality)	12.2	Mtr.	478.66	5839.65
4	40mm dia G.I. pipe conforming to ISS	13.6	Mtr.	228.93	3113.45
5	40mm dia G.I. pipe rise pipes conforming to ISS	10.7	Mtr.	228.93	2449.55
6	25mm dia G.I. suction pipe conforming to ISS	6.1	Mtr.	156.08	952.09
7	40mm dia x 25 mm dia C.I.B.P. Cylinder of Hind	1	No.	675	675.00
8	12mm x 3.0M long connecting rod	4	No.	130	520.00
				Total A.	17470.74
(B)	Cost of labours				
8	Providing all tools and plants and doing boring and lowering the G.I. pipe and strainers, etc. all complete				
	(a) 80mm dia G.I. Pipe 0 to 12.20 mtr. for 12.20 mtr.	12.2	Mtr.	135.7	1655.54
	(b) 40mm dia G.I. Pipe 12.20mtr. to 30.5 mtr. for	18.3	Mtr.	96.72	1769.98
	(c) 40mm dia G.I. Pipe 30.5mtr. to 35.0 mtr. for 5.0 mtr.	5	Mtr.	104.4	522.00
9	Providing all labour & tools and fitting & fixing shallow well hand pump over newly skunked T/Well all complete	1	No.	94	94.00
10	Fitting and fixing cylinder with connecting rods and suspension pipe	1	No.	83.6	83.6
11	Carriage of materials & tools from store to work site and carrying back the surplus materials if any	1	No.	287.5	287.5
12	Providing 1.20m x 1.20m brik masonry platform with one brick flat soling and 60mm thick P.C.C. with punning and 120mm aproun all around.	1	No.	1859	1859

Sr. No.	Particulars	Qty.	Unit	Rate (In Rs.)	Amount (In Rs.)
13	Providing all materials and construction of P.C.C. (1:2:4) UNICEF design drain for disposal of water etc, all complete	3	Mtr.	327	981
14	Providing for developing & testing the tubel well till the discharge is free from sand	1	Each	354.5	354.5
15				Total B	7607.12
16				Grand Total A+B	25077.86
17				Less (C.P. +O.H.13.045%)	3271.41
18				TOTAL COST	21806.45
				SAY	21800

Technically approved for Rs 21800.00 (rupees twenty one thousand & eight hundred) only.


 21/07/2019,
 कार्यपालक अभियन्ता