



**Government of Rajasthan
Office of Project Director**

Rajasthan Urban Infrastructure Development Project

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No. F3 (201)(56)(2)/RUIDP/PMU/Ph-III/SOR/2022/ 593-610

Date: 12.12.2022
03.01.2023

CORRIGENDUM/ADDENDUM -1

As per powers delegated to undersigned by departmental order No. F2(35)/RUIDP/PMU/Acct./2008/20851 Dated 18.03.2009, on the recommendation of Committee of engineers, CORRIGENDUM/ADDENDUM -1 as per enclosed sheets is issued for RUIDP SOR-2022. This CORRIGENDUM/ADDENDUM -1 will be considered as a modification to the original SOR-2022.

Encl: - (As above)

(Dr. Joga Ram, IAS)
Secretary, LSGD & PD, RUIDP

No. F3 (201)(56)(2)/RUIDP/PMU/Ph-III/SOR/2022/ 593-610

Date: 12.12.2022
03.01.2023

Copy submitted/forwarded to the following for information and necessary action:

1. PS to Principal Secretary, Urban Development Department & Housing, GoR Jaipur
2. PS to Secretary, LSGD, Jaipur
3. Accountant General, Audit/Inspection, Rajasthan, Jaipur
4. Administrator, Rajasthan State Agriculture Marketing Board, Pant Bhawan, Jaipur
5. Commissioner, Jaipur Development Authority, Jaipur
6. Commissioner, Rajasthan Housing Board, Jyoti Nagar, Jaipur
7. Director, Directorate of Local Bodies, Jaipur
8. Chief Engineer (NH), PWD, Rajasthan, Jaipur (member T.C. RUIDP)
9. Chief Engineer, Directorate of Local Bodies, Jaipur (member T.C. RUIDP)
10. Chief Engineer (U&NRW), PHED Rajasthan, Jaipur (member T.C. RUIDP)
11. Project Director (Infra), RUDSICO, Jaipur.
12. Chief Engineer, Irrigation Department Rajasthan, Jaipur
13. Chief Engineer (civil), Rajasthan Rajya Vidut Prasaran Nigam Ltd, Jaipur
14. Financial Advisor, RUIDP, Jaipur
15. Additional Project Director, RUIDP, Jaipur
16. Chief Engineer, RUIDP, Jaipur
17. Chief General Manager (P), RICCO, Udyog Bhawan, Jaipur

Secretary, LSGD & PD, RUIDP

Corrigendum / Addendum-01 to SOR 2022

Chapter 19- Water Supply

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98	Supply, delivery at site with necessary packing, receiving, unloading, shifting, storing, installation, testing and commissioning of Horizontal Centrifugal Split Casting pumps with motor as per IS 12615-2011 or amended up to date, CI casing and casing ring, SS 316 impeller, SS 410 Shaft and shaft sleeve, coupling guard, common base plate, foundation bolts etc. complete with all respect as per the specification			Supply, delivery at site with necessary packing, receiving, unloading, shifting, storing, installation, testing and commissioning of Horizontal Centrifugal Split Casting pumps with motor as per IS 12615-2011 or amended up to date, CI casing and casing ring, SS 316 impeller, SS 410 Shaft and shaft sleeve, coupling guard, common base plate, foundation bolts etc. complete with all respect as per the specification	
19.98.1	Discharge 20 to 30 LPS and head 20 to 30 M	Each	143600	Discharge 20 to 30 LPS and head 20 to 30 M	143600
19.98.2	Discharge 20 to 30 LPS and head 31 to 40 M	Each	208900	Discharge 20 to 30 LPS and head 31 to 40 M	208900
19.98.3	Discharge 20 to 30 LPS and head 41 to 50 M	Each	246300	Discharge 20 to 30 LPS and head 41 to 50 M	246300
19.98.4	Discharge 20 to 30 LPS and head 51 to 60 M	Each	281900	Discharge 20 to 30 LPS and head 51 to 60 M	281900
19.98.5	Discharge 20 to 30 LPS and head 61 to 70 M	Each	359800	Discharge 20 to 30 LPS and head 61 to 70 M	359800
19.98.6	Discharge 20 to 30 LPS and head 71 to 80 M	Each	360400	Discharge 20 to 30 LPS and head 71 to 80 M	360400
19.98.7	Discharge 20 to 30 LPS and head 81 to 90 M	Each	360000	Discharge 20 to 30 LPS and head 81 to 90 M	360000
19.98.8	Discharge 31 to 40 LPS and head 20 to 30 M	Each	208900	Discharge 31 to 40 LPS and head 20 to 30 M	208900
19.98.9	Discharge 31 to 40 LPS and head 31 to 40 M	Each	246300	Discharge 31 to 40 LPS and head 31 to 40 M	246300
19.98.10	Discharge 31 to 40 LPS and head 41 to 50 M	Each	281900	Discharge 31 to 40 LPS and head 41 to 50 M	281900
19.98.11	Discharge 121 to 140 LPS and head 61 to 70 M	Each	360000	Discharge 31 to 40 LPS and head 51 to 60 M	360000
19.98.12	Discharge 121 to 140 LPS and head 71 to 80 M	Each	424400	Discharge 31 to 40 LPS and head 61 to 70 M	424400
19.98.13	Discharge 121 to 140 LPS and head 81 to 90 M	Each	424400	Discharge 31 to 40 LPS and head 71 to 80 M	424400
19.98.14	Discharge 141 to 160 LPS and head 20 to 30 M	Each	495000	Discharge 31 to 40 LPS and head 81 to 90 M	495000
19.98.15	Discharge 141 to 160 LPS and head 31 to 40 M	Each	246300	Discharge 41 to 50 LPS and head 20 to 30 M	246300
19.98.16	Discharge 141 to 160 LPS and head 41 to 50 M	Each	360000	Discharge 41 to 50 LPS and head 31 to 40 M	360000
19.98.17	Discharge 141 to 160 LPS and head 51 to 60 M	Each	360400	Discharge 41 to 50 LPS and head 41 to 50 M	360400
19.98.18	Discharge 141 to 160 LPS and head 61 to 70 M	Each	424400	Discharge 41 to 50 LPS and head 51 to 60 M	424400

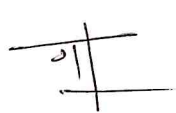
Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98.19	Discharge 141 to 160 LPS and head 71 to 80 M	Each	495000	Discharge 41 to 50 LPS and head 61 to 70 M	495000
19.98.20	Discharge 141 to 160 LPS and head 81 to 90 M	Each	579700	Discharge 41 to 50 LPS and head 71 to 80 M	579700
19.98.21	Discharge 221 to 240 LPS and head 51 to 60 M	Each	579500	Discharge 41 to 50 LPS and head 81 to 90 M	579500
19.98.22	Discharge 161 to 180 LPS and head 20 to 30 M	Each	281900	Discharge 51 to 60 LPS and head 20 to 30 M	281900
19.98.23	Discharge 161 to 180 LPS and head 31 to 40 M	Each	360000	Discharge 51 to 60 LPS and head 31 to 40 M	360000
19.98.24	Discharge 161 to 180 LPS and head 41 to 50 M	Each	424400	Discharge 51 to 60 LPS and head 41 to 50 M	424400
19.98.25	Discharge 161 to 180 LPS and head 51 to 60 M	Each	495000	Discharge 51 to 60 LPS and head 51 to 60 M	495000
19.98.26	Discharge 161 to 180 LPS and head 61 to 70 M	Each	579500	Discharge 51 to 60 LPS and head 61 to 70 M	579500
19.98.27	Discharge 161 to 180 LPS and head 71 to 80 M	Each	739600	Discharge 51 to 60 LPS and head 71 to 80 M	739600
19.98.28	Discharge 161 to 180 LPS and head 81 to 90 M	Each	739700	Discharge 51 to 60 LPS and head 81 to 90 M	739700
19.98.29	Discharge 181 to 200 LPS and head 20 to 30 M	Each	281900	Discharge 61 to 70 LPS and head 20 to 30 M	281900
19.98.30	Discharge 181 to 200 LPS and head 31 to 40 M	Each	360000	Discharge 61 to 70 LPS and head 31 to 40 M	360000
19.98.31	Discharge 181 to 200 LPS and head 41 to 50 M	Each	495000	Discharge 61 to 70 LPS and head 41 to 50 M	495000
19.98.32	Discharge 221 to 240 LPS and head 61 to 70 M	Each	579500	Discharge 61 to 70 LPS and head 51 to 60 M	579500
19.98.33	Discharge 181 to 200 LPS and head 51 to 60 M	Each	739600	Discharge 61 to 70 LPS and head 61 to 70 M	739600
19.98.34	Discharge 181 to 200 LPS and head 61 to 70 M	Each	739700	Discharge 61 to 70 LPS and head 71 to 80 M	739700
19.98.35	Discharge 181 to 200 LPS and head 71 to 80 M	Each	853600	Discharge 61 to 70 LPS and head 81 to 90 M	853600
19.98.36	Discharge 181 to 200 LPS and head 81 to 90 M	Each	360000	Discharge 71 to 80 LPS and head 20 to 30 M	360000
19.98.37	Discharge 201 to 220 LPS and head 20 to 30 M	Each	424400	Discharge 71 to 80 LPS and head 31 to 40 M	424400
19.98.38	Discharge 201 to 220 LPS and head 31 to 40 M	Each	579500	Discharge 71 to 80 LPS and head 41 to 50 M	579500
19.98.39	Discharge 201 to 220 LPS and head 41 to 50 M	Each	739600	Discharge 71 to 80 LPS and head 51 to 60 M	739600
19.98.40	Discharge 201 to 220 LPS and head 51 to 60 M	Each	739700	Discharge 71 to 80 LPS and head 61 to 70 M	739700
19.98.41	Discharge 201 to 220 LPS and head 61 to 70 M	Each	853600	Discharge 71 to 80 LPS and head 71 to 80 M	853600
19.98.42	Discharge 221 to 240 LPS and head 20 to 30 M	Each	999500	Discharge 71 to 80 LPS and head 81 to 90 M	999500
19.98.43	Discharge 241 to 260 LPS and head 20 to 30 M	Each	360000	Discharge 81 to 90 LPS and head 20 to 30 M	360000
19.98.44	Discharge 221 to 240 LPS and head 31 to 40 M	Each	495000	Discharge 81 to 90 LPS and head 31 to 40 M	495000
19.98.45	Discharge 221 to 240 LPS and head 41 to 50 M	Each	579500	Discharge 81 to 90 LPS and head 41 to 50 M	579500

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98.46	Discharge 241 to 260 LPS and head 31 to 40 M	Each	739600	Discharge 81 to 90 LPS and head 51 to 60 M	739600
19.98.47	Discharge 241 to 260 LPS and head 41 to 50 M	Each	739700	Discharge 81 to 90 LPS and head 61 to 70 M	739700
19.98.48	Discharge 241 to 260 LPS and head 51 to 60 M	Each	999500	Discharge 81 to 90 LPS and head 71 to 80 M	999500
19.98.49	Discharge 241 to 260 LPS and head 61 to 70 M	Each	999700	Discharge 81 to 90 LPS and head 81 to 90 M	999700
19.98.50	Discharge 261 to 280 LPS and head 20 to 30 M	Each	424400	Discharge 91 to 100 LPS and head 20 to 30 M	424400
19.98.51	Discharge 261 to 280 LPS and head 31 to 40 M	Each	579500	Discharge 91 to 100 LPS and head 31 to 40 M	579500
19.98.52	Discharge 261 to 280 LPS and head 41 to 50 M	Each	739600	Discharge 91 to 100 LPS and head 41 to 50 M	739600
19.98.53	Discharge 31 to 40 LPS and head 51 to 60 M	Each	739700	Discharge 91 to 100 LPS and head 51 to 60 M	739700
19.98.54	Discharge 261 to 280 LPS and head 51 to 60 M	Each	853600	Discharge 91 to 100 LPS and head 61 to 70 M	853600
19.98.55	Discharge 261 to 280 LPS and head 61 to 70 M	Each	999500	Discharge 91 to 100 LPS and head 71 to 80 M	999500
19.98.56	Discharge 281 to 300 LPS and head 20 to 30 M	Each	1105200	Discharge 91 to 100 LPS and head 81 to 90 M	1105200
19.98.57	Discharge 281 to 300 LPS and head 31 to 40 M	Each	424400	Discharge 101 to 120 LPS and head 20 to 30 M	424400
19.98.58	Discharge 281 to 300 LPS and head 41 to 50 M	Each	579500	Discharge 101 to 120 LPS and head 31 to 40 M	579500
19.98.59	Discharge 281 to 300 LPS and head 51 to 60 M	Each	739600	Discharge 101 to 120 LPS and head 41 to 50 M	739600
19.98.60	Discharge 281 to 300 LPS and head 61 to 70 M	Each	853600	Discharge 101 to 120 LPS and head 51 to 60 M	853600
19.98.61	Discharge 301 to 325 LPS and head 20 to 30 M	Each	999500	Discharge 101 to 120 LPS and head 61 to 70 M	999500
19.98.62	Discharge 301 to 325 LPS and head 31 to 40 M	Each	999500	Discharge 101 to 120 LPS and head 71 to 80 M	999500
19.98.63	Discharge 301 to 325 LPS and head 41 to 50 M	Each	1341900	Discharge 101 to 120 LPS and head 81 to 90 M	1341900
19.98.64	Discharge 31 to 40 LPS and head 61 to 70 M	Each	495000	Discharge 121 to 140 LPS and head 20 to 30 M	495000
19.98.65	Discharge 301 to 325 LPS and head 51 to 60 M	Each	739600	Discharge 121 to 140 LPS and head 31 to 40 M	739600
19.98.66	Discharge 301 to 325 LPS and head 61 to 70 M	Each	853600	Discharge 121 to 140 LPS and head 41 to 50 M	853600
19.98.67	Discharge 326 to 350 LPS and head 20 to 30 M	Each	999500	Discharge 121 to 140 LPS and head 51 to 60 M	999500
19.98.68	Discharge 326 to 350 LPS and head 31 to 40 M	Each	999700	Discharge 121 to 140 LPS and head 61 to 70 M	999700
19.98.69	Discharge 326 to 350 LPS and head 41 to 50 M	Each	1153600	Discharge 121 to 140 LPS and head 71 to 80 M	1153600
19.98.70	Discharge 326 to 350 LPS and head 51 to 60 M	Each	1341900	Discharge 121 to 140 LPS and head 81 to 90 M	1341900
19.98.71	Discharge 326 to 350 LPS and head 61 to 70 M	Each	579500	Discharge 141 to 160 LPS and head 20 to 30 M	579500
19.98.72	Discharge 351 to 400 LPS and head 20 to 30 M	Each	739600	Discharge 141 to 160 LPS and head 31 to 40 M	739600

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98.73	Discharge 351 to 400 LPS and head 31 to 40 M	Each	999500	Discharge 141 to 160 LPS and head 41 to 50 M	999500
19.98.74	Discharge 351 to 400 LPS and head 41 to 50 M	Each	1105200	Discharge 141 to 160 LPS and head 51 to 60 M	1105200
19.98.75	Discharge 31 to 40 LPS and head 71 to 80 M	Each	1341900	Discharge 141 to 160 LPS and head 61 to 70 M	1341900
19.98.76	Discharge 351 to 400 LPS and head 51 to 60 M	Each	1342800	Discharge 141 to 160 LPS and head 71 to 80 M	1342800
19.98.77	Discharge 351 to 400 LPS and head 61 to 70 M	Each	1599200	Discharge 141 to 160 LPS and head 81 to 90 M	1599200
19.98.78	Discharge 31 to 40 LPS and head 81 to 90 M	Each	739600	Discharge 161 to 180 LPS and head 20 to 30 M	739600
19.98.79	Discharge 41 to 50 LPS and head 20 to 30 M	Each	853600	Discharge 161 to 180 LPS and head 31 to 40 M	853600
19.98.80	Discharge 41 to 50 LPS and head 31 to 40 M	Each	999500	Discharge 161 to 180 LPS and head 41 to 50 M	999500
19.98.81	Discharge 41 to 50 LPS and head 41 to 50 M	Each	1153600	Discharge 161 to 180 LPS and head 51 to 60 M	1153600
19.98.82	Discharge 41 to 50 LPS and head 51 to 60 M	Each	1341900	Discharge 161 to 180 LPS and head 61 to 70 M	1341900
19.98.83	Discharge 41 to 50 LPS and head 61 to 70 M	Each	1472400	Discharge 161 to 180 LPS and head 71 to 80 M	1472400
19.98.84	Discharge 41 to 50 LPS and head 71 to 80 M	Each	1599200	Discharge 161 to 180 LPS and head 81 to 90 M	1599200
19.98.85	Discharge 41 to 50 LPS and head 81 to 90 M	Each	739600	Discharge 181 to 200 LPS and head 20 to 30 M	739600
19.98.86	Discharge 51 to 60 LPS and head 20 to 30 M	Each	999500	Discharge 181 to 200 LPS and head 31 to 40 M	999500
19.98.87	Discharge 51 to 60 LPS and head 31 to 40 M	Each	1105200	Discharge 181 to 200 LPS and head 41 to 50 M	1105200
19.98.88	Discharge 51 to 60 LPS and head 41 to 50 M	Each	1341900	Discharge 181 to 200 LPS and head 51 to 60 M	1341900
19.98.89	Discharge 51 to 60 LPS and head 51 to 60 M	Each	1472400	Discharge 181 to 200 LPS and head 61 to 70 M	1472400
19.98.90	Discharge 51 to 60 LPS and head 61 to 70 M	Each	1723600	Discharge 181 to 200 LPS and head 71 to 80 M	1723600
19.98.91	Discharge 51 to 60 LPS and head 71 to 80 M	Each	1905900	Discharge 181 to 200 LPS and head 81 to 90 M	1905900
19.98.92	Discharge 51 to 60 LPS and head 81 to 90 M	Each	739600	Discharge 201 to 220 LPS and head 20 to 30 M	739600
19.98.93	Discharge 61 to 70 LPS and head 20 to 30 M	Each	999500	Discharge 201 to 220 LPS and head 31 to 40 M	999500
19.98.94	Discharge 61 to 70 LPS and head 31 to 40 M	Each	1341900	Discharge 201 to 220 LPS and head 41 to 50 M	1341900
19.98.95	Discharge 61 to 70 LPS and head 41 to 50 M	Each	1472400	Discharge 201 to 220 LPS and head 51 to 60 M	1472400
19.98.96	Discharge 61 to 70 LPS and head 51 to 60 M	Each	1599200	Discharge 201 to 220 LPS and head 61 to 70 M	1599200
19.98.97	Discharge 61 to 70 LPS and head 61 to 70 M	Each	853600	Discharge 221 to 240 LPS and head 20 to 30 M	853600
19.98.98	Discharge 61 to 70 LPS and head 71 to 80 M	Each	1105200	Discharge 221 to 240 LPS and head 31 to 40 M	1105200
19.98.99	Discharge 61 to 70 LPS and head 81 to 90 M	Each	1341900	Discharge 221 to 240 LPS and head 41 to 50 M	1341900

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98.100	Discharge 71 to 80 LPS and head 20 to 30 M	Each	1599200	Discharge 221 to 240 LPS and head 51 to 60 M	1599200
19.98.101	Discharge 71 to 80 LPS and head 31 to 40 M	Each	1723600	Discharge 221 to 240 LPS and head 61 to 70 M	1723600
19.98.102	Discharge 71 to 80 LPS and head 41 to 50 M	Each	853600	Discharge 241 to 260 LPS and head 20 to 30 M	853600
19.98.103	Discharge 71 to 80 LPS and head 51 to 60 M	Each	1153600	Discharge 241 to 260 LPS and head 31 to 40 M	1153600
19.98.104	Discharge 71 to 80 LPS and head 61 to 70 M	Each	1341900	Discharge 241 to 260 LPS and head 41 to 50 M	1341900
19.98.105	Discharge 71 to 80 LPS and head 71 to 80 M	Each	1599200	Discharge 241 to 260 LPS and head 51 to 60 M	1599200
19.98.106	Discharge 71 to 80 LPS and head 81 to 90 M	Each	1905900	Discharge 241 to 260 LPS and head 61 to 70 M	1905900
19.98.107	Discharge 81 to 90 LPS and head 20 to 30 M	Each	999500	Discharge 261 to 280 LPS and head 20 to 30 M	999500
19.98.108	Discharge 81 to 90 LPS and head 31 to 40 M	Each	1341900	Discharge 261 to 280 LPS and head 31 to 40 M	1341900
19.98.109	Discharge 81 to 90 LPS and head 41 to 50 M	Each	1472400	Discharge 261 to 280 LPS and head 41 to 50 M	1472400
19.98.110	Discharge 81 to 90 LPS and head 51 to 60 M	Each	1723600	Discharge 261 to 280 LPS and head 51 to 60 M	1723600
19.98.111	Discharge 81 to 90 LPS and head 61 to 70 M	Each	2054300	Discharge 261 to 280 LPS and head 61 to 70 M	2054300
19.98.112	Discharge 81 to 90 LPS and head 71 to 80 M	Each	999500	Discharge 281 to 300 LPS and head 20 to 30 M	999500
19.98.113	Discharge 81 to 90 LPS and head 81 to 90 M	Each	1341900	Discharge 281 to 300 LPS and head 31 to 40 M	1341900
19.98.114	Discharge 91 to 100 LPS and head 20 to 30 M	Each	1599200	Discharge 281 to 300 LPS and head 41 to 50 M	1599200
19.98.115	Discharge 91 to 100 LPS and head 31 to 40 M	Each	1723600	Discharge 281 to 300 LPS and head 51 to 60 M	1723600
19.98.116	Discharge 91 to 100 LPS and head 41 to 50 M	Each	2054300	Discharge 281 to 300 LPS and head 61 to 70 M	2054300
19.98.117	Discharge 91 to 100 LPS and head 51 to 60 M	Each	1105200	Discharge 301 to 325 LPS and head 20 to 30 M	1105200
19.98.118	Discharge 91 to 100 LPS and head 61 to 70 M	Each	1341900	Discharge 301 to 325 LPS and head 31 to 40 M	1341900
19.98.119	Discharge 91 to 100 LPS and head 71 to 80 M	Each	1723600	Discharge 301 to 325 LPS and head 41 to 50 M	1723600
19.98.120	Discharge 91 to 100 LPS and head 81 to 90 M	Each	1905900	Discharge 301 to 325 LPS and head 51 to 60 M	1905900
19.98.121	Discharge 101 to 120 LPS and head 20 to 30 M	Each	2285500	Discharge 301 to 325 LPS and head 61 to 70 M	2285500
19.98.122	Discharge 101 to 120 LPS and head 31 to 40 M	Each	1105200	Discharge 326 to 350 LPS and head 20 to 30 M	1105200
19.98.123	Discharge 101 to 120 LPS and head 41 to 50 M	Each	1472400	Discharge 326 to 350 LPS and head 31 to 40 M	1472400
19.98.124	Discharge 101 to 120 LPS and head 51 to 60 M	Each	1723600	Discharge 326 to 350 LPS and head 41 to 50 M	1723600
19.98.125	Discharge 101 to 120 LPS and head 61 to 70 M	Each	2054300	Discharge 326 to 350 LPS and head 51 to 60 M	2054300
19.98.126	Discharge 101 to 120 LPS and head 71 to 80 M	Each	2285500	Discharge 326 to 350 LPS and head 61 to 70 M	2285500

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
19.98.127	Discharge 101to 120 LPS and head 81 to 90 M	Each	1341900	Discharge 351 to 400 LPS and head 20 to 30 M	1341900
19.98.128	Discharge 121 to 140 LPS and head 20 to 30 M	Each	1599200	Discharge 351 to 400 LPS and head 31 to 40 M	1599200
19.98.129	Discharge 121 to 140 LPS and head 31 to 40 M	Each	1905900	Discharge 351 to 400 LPS and head 41 to 50 M	1905900
19.98.130	Discharge 121 to 140 LPS and head 41 to 50 M	Each	2285500	Discharge 351 to 400 LPS and head 51 to 60 M	2285500
19.98.131	Discharge 121 to 140 LPS and head 51 to 60 M	Each	2510700	Discharge 351 to 400 LPS and head 61 to 70 M	2510700


 (Support Engineer)




 BE-II.

Existing SOR-2022				To be Modified	
Code No.	Description of Item	Unit	Rate 2022	Description of Item	Rate 2022
9.10	Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic vibrio pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer in charge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement.			Providing and fixing of precast concrete interlocking tiles of desired shape of M 30 grade manufactured from fully computerized automatic stationery hydraulic vibrio pressed machine and fully computerized automatic batching plant of class A1/A2 as per BS 6717:2001. The CC interlocking paving blocks be laid on average 50mm. thick bed of coarse sand and the joint is to be filled with fine sand. Laying procedure on compacted sub-base as defined. Complete job is to be executed as per the instruction of Engineer in charge. The rates to be inclusive of all lead & Lifts etc. complete as per specifications. Tensile splitting strength, abrasion and braking load etc. as per BS 6717:2001, Grey cement.	
9.10.2	80 mm Thick	Sqm	855	80 mm Thick	752
9.10.3	100 mm Thick	sqm	752	100 mm Thick	855
37.3	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :			Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with PVC/ neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item) :	
37.3.3	With float glass panes of 8 mm thickness	Sqm	986	With float glass panes of 8 mm thickness	1550
39.13	Grassing with 'Carpet' grass (selection no. 1) including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed. (The good earth shall be paid separately)			Grassing with 'Carpet' grass (selection no. 1) including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed. (The good earth shall be paid separately)	
39.13.1	In rows 5 cm apart in either direction	sqm	1375	In rows 5 cm apart in either direction	13.75
39.13.2	With grass Turf	sqm	1049	With grass Turf	10.49

Following item is included in SoR-2022 as item no. 17.99 in Chapter 17 Sewer Line work:

Code No.	Description of Item	Unit	Rate 2022
17.99 (New Item)	Supply, delivery and commissioning of advanced "Robot" for cleaning of manholes/machine holes having expandable robotic arm of 4 degree of freedom with multipurpose end effector for shoveling and picking action and 4 Robotic legs with wheels for self-stability inside manhole/machine holes, containing bucket system having minimum bucket capacity 12 litres, gas sensor for detection of Methane, Carbon Monoxide, Hydrogen Sulphide and Ammonia, 4 nos. of IP68 cameras(1camera on outside stand unit for monitoring entry and exit of robot in to manhole/machine holes and 3 cameras on robotic unit which go inside the manhole/machine hole) which shall go deeper up to 8 mtr. depth and can lift up to 125 kg/cycle, compatible for hard rocks, sand, silk,sludge, non bio degradable wastes etc. minimum 90% of the actuators of the robot should be using pneumatic power. The robot is equipped with a display of 13.3 inch IPS screen full HD with 4 channel video output having 10.1 inch interactive touch screen and switches for the user interface to operate the robot. It should have a " built in" tutorials software to learn the operations of the robot. Compressor(2 HP,8 bar outlet pressure with 50 litre tank capacity) and required DG set (rated output 2.8 KVA,230 volt/50 Hz) for working of robot is also to be supplied with accessories Pneumatic hose, extension box, power connector, tray, and rain coat. O&M of robots by providing the skilled technical operator to operate the machine as well as training of the line agencies staff for a period of one year.	Each	4400000




Pay
GRAVIT SUTHAR
SPS, PMC B.C.