

PROCEEDINGS OF THE SUPERINTENDING ENGINEER (GENERAL) i/c
GROUND WATER DEPARTMENT, JALAVIJNANA BHAVAN,
AMBALAMUKKU, THIRUVANANTHAPURAM
(PRESENT: Smt. Rini Rani.S)

Sub: Ground Water Department – Kannur - Implementation of Mini Water Supply Scheme at Kuttimavu ST Colony, Payyavoor Grama Panchayath in Kannur District under Groundwater based drinking water supply scheme – Technical sanction accorded - orders issued.

ORDER NO:- T(1) / 3657/2022/DGW

Dated: 05.07.2022

Read:- 1. Letter No. GW/KNR/996/2022, dated 28-05-2022 from District Officer, Ground Water Department, Kannur.
2. Order No. T(1) 3657/2022/DGW dated:28/06/2022 of Director, Ground Water Department, Thiruvananthapuram.

ORDER

As per the letter read 1st, District Officer, Ground Water Department, Kannur has forwarded a proposal with detailed estimate for an amount of Rs. 7,45,000/- for the implementation of mini water supply scheme at Kuttimavu ST Colony, Payyavoor Grama Panchayath in Kannur District under Groundwater based drinking water supply scheme for the year 2022-23.

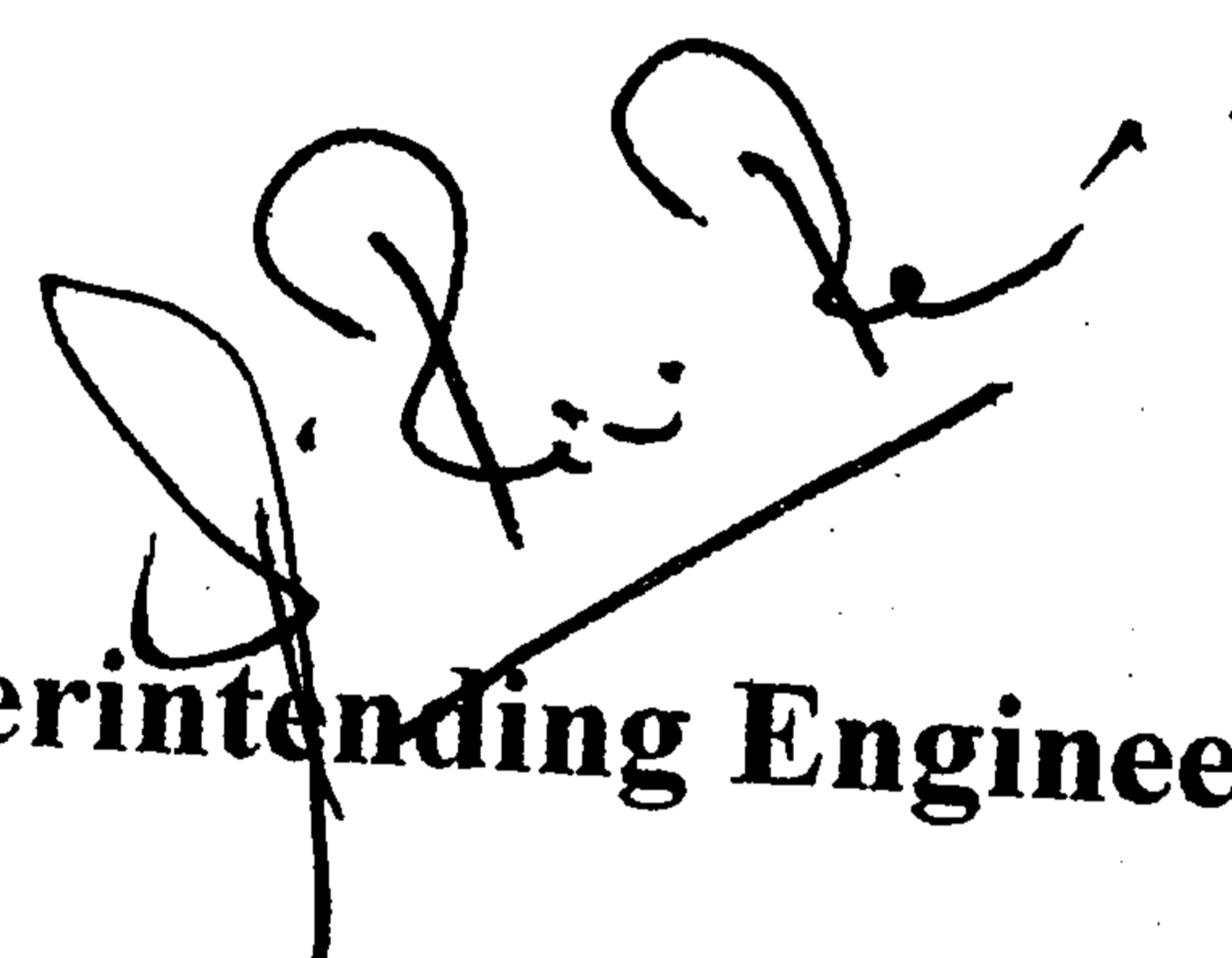
The proposal for the implementation of Mini Water Supply Scheme submitted by the District Officer has been verified and the amount is limited to Rs. 7,38,000/- (Rupees Seven lakhs and thirty eight thousand only).

As per the order read as 2nd paper Administrative Sanction for an amount of Rs. 7,38,000/- (Rupees Seven lakhs and thirty eight thousand only) has been accorded by the Director of Ground Water Department.

After examining the matter in detail, technical sanction is hereby accorded to the District Officer, Ground Water Department, Kannur for an amount of Rs. 7,38,000/- (Rupees Seven lakhs and thirty eight thousand only) for the implementation of mini water supply scheme at Kuttimavu ST Colony, Payyavoor Grama Panchayath in Kannur District under Groundwater based drinking water supply scheme

The District Officer, Ground Water Department, Kannur should ensure that the work is carried out as per Government rules and that the scheme satisfies all the norms and conditions of Ground Water Based Drinking Water Supply Scheme. The scheme after completion should be handed over to the beneficiary committee. The beneficiary committee should run and carry out further maintenance of the scheme and meet all expenditure for the purpose. The work should be supervised by the technical staff of the department. District Officer should also make sure that the payment is made only as per the actual quantity and measurement of each item.

The expenditure in this regard can be met from the budget provision of Rs. 400 lakhs under the Head of account "4702-00-102-94 - (01) Ground Water Based Drinking Water Scheme (P)" for the financial year 2022-2023. The District Officer should intimate the date of completion of the above scheme.


Superintending Engineer (General) i/c

Encl: Verified Estimate

To

The District Officer, Ground Water Department, Kannur.

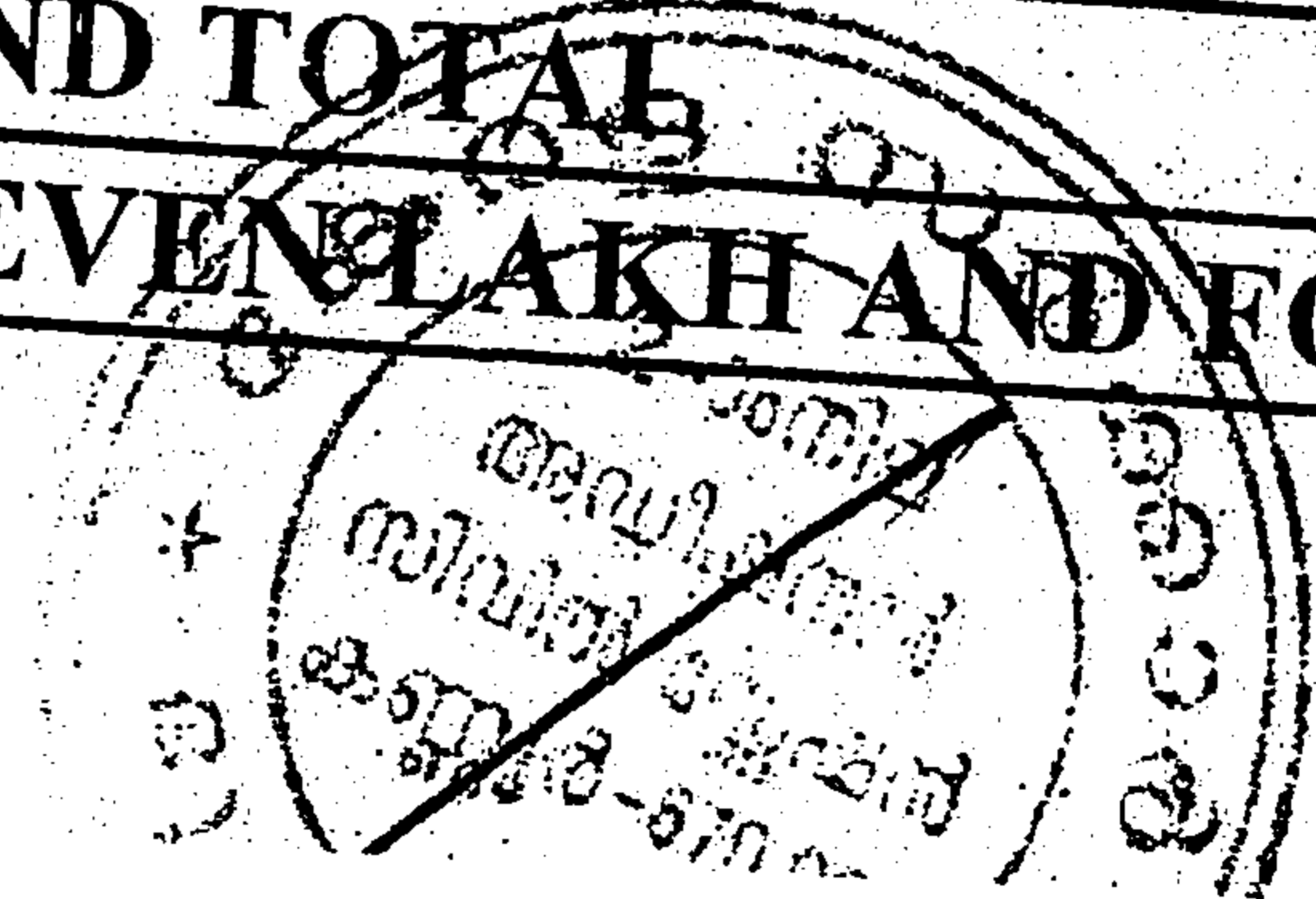
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TAILED ESTIMATE FOR IMPLEMENTATION OF MINI WATER SUPPLY SCHEME AT KUTTIMAVU ST COLONY IN PAYYAVUR GRAMA PANCHAYATH IN KANNUR DISTRICT.

Sl.	Particulars	Rate (Rs.)	Quantity	Unit	Amount (Rs.)
1	Charge Water quality test <i>(As per actuals)</i>	2790	1	No	2790 ✓
2	Construction of pump house 1.5X1.2X2.1m in laterate masonry, RCC slab, plastering and painting complete. <i>(As per actual measurement)</i>	63,000 64000	1	No	63,000 64000 ✓
3	Supply of ISI Marked <u>single phase</u> 1.5 HP 24 stage Submersible pumpset suitable for 150 MM Dia Bore Well which delivers 3000 LPH at a Total Head of 125 M -50 M.	22100 25160	1	No	22100 25160 ✓
4	Electrification charge for single phase pannel board including 75 x 75 cm size metal box, 32A ICDP, ELCB, Fuse, 5A switch etc. and also including wiring charges complete.	10826 ✓	1	No.	10826 ✓
5	Supply of submersible cable 4 mm ² (ISI)	145 ✓	110	M	15950 ✓
6	Supply 40 mm, 20 Kg/Cm ² UPVC (good quality) pipe inclusive of cost, conveyance etc;	295 ✓	85 ✓	M	25075 ✓
7	Charge for erecting Submersible pump set of up to .3 HP	7742 ✓	1	No.	7742 ✓
8	Charge constructing bore well protection 0.65X0.65X0.6m in brick wall, having 0.8X0.8X0.1m concrete slab, 0.75X0.75X0.1m concrete foundation. <i>(As per actual measurement)</i>	4365 ✓	1	No.	4365 ✓
9	Supplying of Nilon rope for pump erection 14 mm thick good quality	41 ✓	70	M	2870 ✓
10	Supply and fitting of GI Bend, Union, GM NRV, etc.	1279 ✓	1	No.	1279 ✓
11	Cost of CI ⁹³ adapter for connecting 40mm UPVC pipe	800 ✓	2	No.	1600 ✓
12	Electric connection charges including contribution to KSEB, wiring certificate, post shifting etc complete <u>bill as per actuals</u> (approximately)	5000	1	LS	5000 ✓
13	Construction of water tank platform with pump house 2 x 2 x 2.75 m, RCC Colomns , Beams , laterate masonry, plastering, painting etc Complete. <i>(As per actual measurement)</i>	168000 ✓	1	No.	168000 ✓
14	Supplying and placing of PVC Tank ISI marked inclusive of cost, conveyance etc.	10.24 ✓	3000	Litre	30720 ✓
15	Supplying and fitting of PVC Tank connector 63 mm.	305.00 ✓	1	No.	305 ✓
16	Supplying and providing 50mm wash out. 210+300	510 ✓	1	M	510 ✓
17	Supplying, laying and jointing 40 mm ISI marked PVC pipe(10 kg/cm ²) ISI Marked PVC pipe for pumping main and distribution inclusive of all cost of specials and conveyance etc. Including trenching and refilling For Pumping Main.	262 ✓	130	M	34060 ✓

Sl. No.	Particulars	Rate (Rs.)	Quantity	Unit	Amount (Rs.)
18	Supplying, laying and jointing 40 mm ISI marked PVC pipe (10 kg/cm ²) ISI Marked PVC pipe for pumping main and distribution inclusive of all cost of specials and conveyance etc. Including trenching and refilling. For Distribution Line	262	300	M	78600
19	Supplyin and jointing 65 mm GI pipe for road crossing inclusive of all cost of special and conveyance etc. Including trenching and refilling. For Distribution Line	832	6	M	4992
20	Supply laying and jointing 63 mm ISI marked PVC pipe (6 kg/cm ²) for distribution inclusive of all cost of specials and conveyance etc. Including trenching and refilling. For Disdistribution Line	308	150	No.	46200
21	Supplying and providing 50 mm ISI marked PVC pipe (10 kg/cm ²) for distribution inclusive of all cost of specials and conveyance etc. Including trenching and refilling. For Didistribution Line	270	180	M	48600
22	Supplying, laying and joining 32mm ISI marked (10kg/cm ²) PVC pipe for distribution and cable wire protection. Including trenching and refilling. For Distribution Line	236.84 239	130	M	30789.2 31070
23	Supplying, laying and joining 25mm ISI marked (10kg/cm ²) PVC pipe for distribution and cable wire protection. Including trenching and refilling. For Distribution Line	160	100	M	16000
24	Manhole for valve				
25	Supply and providing 63 mm PVC Ball valve inclusive of cost and conveyance etc.	600	2	M	1200
26	Supply and providing 50 mm PVC ball valve inclusive of cost and conveyance	340	1	No.	340
27	Supply and providing 40 mm PVC ball valve inclusive of cost and conveyance.	300	2	No.	600
28	Supplying and providing tap with platform etc (0.60m. x 0.30m.)	210	2	No.	420
29	Lettering with black Japan paint of approved brand and manufacture per letter per 5 cm height	1940.75	16	M	31052
30	Total	27.45	100	No	2745
31	Add 12% as GST component (except 1, 12)				6,57,730.2 (662071)
32	Expenses for contingencies and unforeseens if any				77992.82 (79448.52)
	GRAND TOTAL				2276.98 (3480.48)
	(RUPEES SEVEN LAKH AND FORTY FIVE THOUSAND ONLY)				7,38,000/- (745000)

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7,38,000/-

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DETAILED ESTIMATE OF PUMP HOUSE (1.5X1.2X2.1M) AT KUTTIMAVU ST COLONY IN PAYYAVUR GRAMA PANCHAYATH.

Sl.No	Description pump house	No	L	B	H	Qty	Rate	Unit	Amount
1	Surface dressing of the ground including removing vegetation and in equalities not exceeding 15 CM deep and disposal of rubbish, lead up to 50 m and lift upto 1.5m. For all kind of soil.	1	2	2		4	28.32	M ²	113 ✓
2	Earth work excavation in all classes of soil for foundation.	1	5.2	0.5	0.4	1.04	293.24	M ³	305 ✓
3	Laterite masonry in cement mortar 1:6 for foundation	1	5.2	0.5	0.4	1.04			
4	Laterite masonry in cement mortar 1:6 for basement	1	5.6	0.3	0.2	0.336			
	Total					1.376	7353	M ³	10118 ✓
5	Laterite masonry in cement mortar 1:5 for wall as super structure	1	4.79	0.2	2.1	2.0118	8090.89	M ³	16277 ✓
6	RCC 1:1.5:3 for roof slab including cost and conveyance of materials, labour charges etc but excluding reinforcement	1	2.2	1.8	0.1	0.396	11349.6	M ³	4494 ✓
7	Tore steel reinforcement for RCC works @ 80kg/m ³					30	97.08	Kg	2912 ✓
8	Form work for RCC in slabs.	2	2.2	1.8	0	7.92	641.72	M ²	5082 ✓
9	Flooring PCC 1:4:8, 75mm thick	1	1.3	1.1	1	1.43	993.07	M ²	1420 ✓
10	Plastering 1:3, 12mm thick inside and out side of the pump house						579.32		
	Roof	2	2.2	1.8	1	7.92			
	Basement	1	6.8	0.2	1	1.36			
	Outer wall	1	5.6	1	2.1	11.76			
	Inner wall	1	4.4	1	2.1	9.24			
	Total					30.28	406.99	M ²	12324 ✓
11	Supplying and providing PVC door 0.8x1.8cm with frame and proper locking etc. (Casper actuals)	1				1	3000		3000 ✓
12	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface. Water thinnable cement primer.					30.28	69.76	M ²	2112 ✓
13	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade. Two or more coats on new work.					30.28	149.5	M ²	4527 ✓
	Total								62684
14	Unforeseen items if any								1316
	Grant Total-Rs								64000

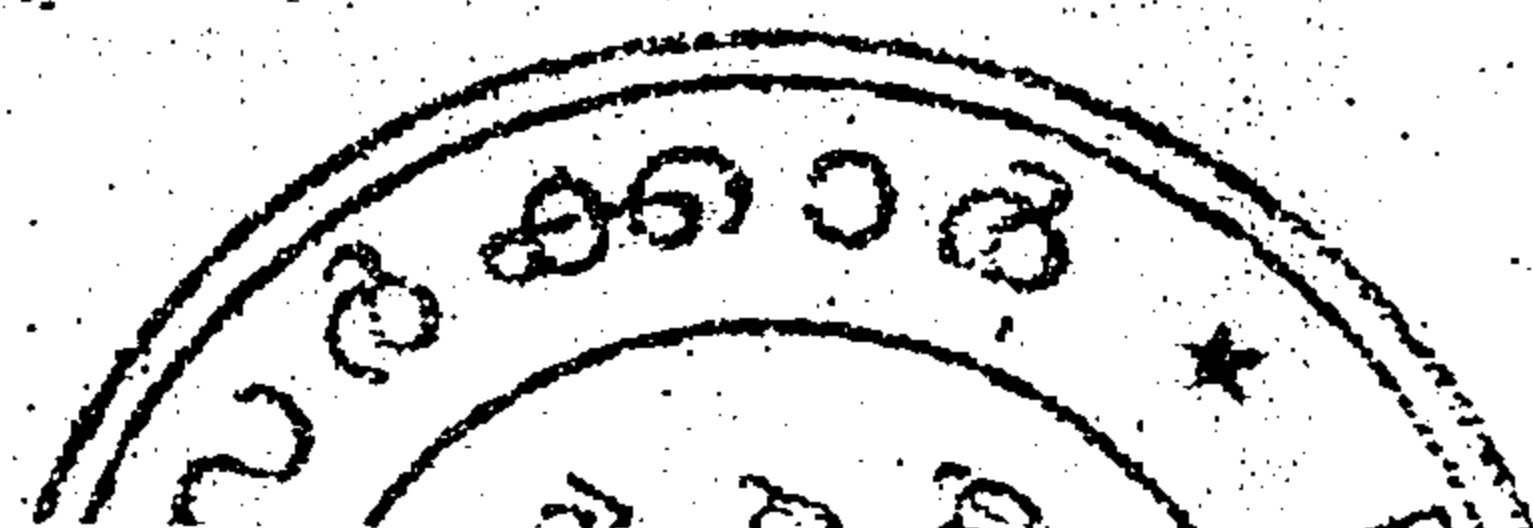
(Rupees Sixty Four Thousand only)

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62092

908

63,000



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