JAI NARAIN VYAS UNIVERSITY JODHPUR



<u>2016 - 2021</u>

- 7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures
 - 1. Solar energy
 - 2. Biogas plant
 - 3. Wheeling to the Grid
 - 4. Sensor-based energy conservation
 - 5. Use of LED bulbs / power efficient equipment

JAI NARAIN VYAS UNIVERSITY, JODHPUR BUILDING CELL

No. JNVU/BC/A-4/02_

Dated 12/4/22

To.

M/s Samrat Refrigeration Plot No. 370 New BJS Colony, Paota B Road, Jodhpur.

WORK ORDER NO. 62-/2022-23

Subject:- P/F Energy Efficient Lights in various Buildings and various campuses of JNVU, Jodhpur.

Ref:- E-Tender No.04/2021-22 S. No. 02

Your tender for the above work at @ 27% (In words twenty seven percent) premium below the 'G'. Schedule rate item rate quoted by you has been approved of the E-Tender committee held on 05.04.2022 and the above cited work of Rs 364697/- (G. Sch. Amount Rs 499585/- (-) Premium Rs 134888/-) is hereby allotted to you. You should therefore start the work immediately under the instructions and supervision of the Assistant Engineer, Building Cell J.N.V. University, Jodhpur and complete the work within the schedule period of 01 Month to be counted from 13.04.2022. The work shall be carried out in accordance with the Rajasthan Public Work Department detailed specification and to the entire satisfaction of the concerned and the undersigned .

- During the execution of the work if your allotted some items of work, Which are not Included in Schedule G but for which Rajasthan P.W.D Schedule rates exist, you will carry out such items of work at the above premium above/below the rates mentioned in the Rajasthan P.W.D Schedule of rates in the year on the basis of which G-Schedule is
- 2. You will have to procure all stores yourself unless there is mention to the contrary in the
- 3. Water for construction work if required from the Building Cell shall be supplied @1% of the total cost of work allotted to you.
- 4. The University reserves the right to delete or alter the quantities mentioned against any item in G. Schedule for which no will be entertained.
- 5. The transactions involved in the execution of the work in this tender will be liable to sales tax vide section 2(c) read with Clause (i) of the Explanation (2) (i) and Rule 8 of the Rajasthan sale tax Act, 1954 or as amended from time to time.
- 6. The name (s) of your authorized representative (s) to receive the instructions at cite be intimated before the work is started.

- 7. Please send your authorized representative to the office of the undersigned to sign the agreement, within seven days of the date of issue of this work order.
- 8. A copy of 'G' schedule is enclosed, but in case of any discrepancy between this and the G. Schedule signed and submitted by you along with tender documents the letter shall be considered as authentic.
- 9. The drawings for the work are enclosed.
- 10. Work order number should always be quoted in all correspondence.
- 11. You should submit within 7 days of this letter a time Schedule for completion of major items of work for approval of the same by the under signed. You shall have to abide by this approval time Schedule for execution of the work allotted to you.

Yours faithfully

UNIVERSITY ENGINEER

12. This letter made please be acknowledged.

Thanking You

Enclose:- 1. 'G' Schedule (Page) 2. Set of Drawings () No. JNVU/BC/A-4/ 62 Copy forward to the following for inf	formation and necessary action	Jai Narain Vyas Universita JODHPUR (Rai.) Dated 1214122
The expenditure will be debited to RI	RM Works.	
Sanction No.	Dated	for Rs/-
1. The Comptroller (F.A) J.N.V. Univ 2. The Assistant Registrar, (Developm	nent) J.N.V. University, Jodhj	
 a. One Spare copy of the Work of the Sets of Drawings (order for use of Jr. EngineerNos in each set) out o	of which one set is to be r the Jr. Engineer.
4. Labour Inspector, Lobour Court, Jo	dhpur.	
5.A.En. (C) Building Cell.		boviovni enoistatione involved
6.A-3/A-5, E.M of Rs. 'G' schedule, agreement enclosed. 7.Work Order file, 8.Master file.	Deposited vide C.R No	Dated copy of

JAI NARAIN VYAS UNIVERSITY BUILDING CELL

"G Schedule"

Name of work :-P/F Energy Efficient Lights in various Buildings and various Campuses of JNVU, Jodhpur

S.N	Ch. No.	Particulars	Unit	Qty.	Rate	Amount
1	E181305	Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safety ,Input Frequency 50Hz±3% Power Factor >0.95 driver Efficiency >85%, THD(I) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,color Rendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external. driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322 Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products/ work , refer Annexure "A" attached with this BSR . LED Street Light fixture 70 Watt	Each	40	5104	204160

PAIVERSITY ENGINE:
BUILDING CELL
Jai Narain Vyas University
JODHPUR (Ral.)

Terms and Condition:--

1. For the items of the G.Schedule which have reference to Raj. P.W.D. (BSR) 22 April, 2019 (civil)/ 01-04-2021 (Electric) the relevant rates as mentioned in P.W.D (BSR) 22 April, 2019(civil)/ 01-04-2021 (Electric) shall considered to be correct and applicable in case of any discrepancy in the rates mentioned above for such items and that shown in P.W.D. (BSR) 22 April, 2019 (civil)/ 01-04-2021 (Electric) applicable for Jodhpur City.

2. N.S. under reference in the column of the Schedule means non schedule items of the work for which the P.W.D. (BSR) 22 April, 2019 (civil)/ 01-04-2021 (Electric) shall not applicable.

3. Additions/ Reduction/ Alteration/ Cancellation in the quantities of the item given in the Schedule will be at the discretion of the University. No compensation shall be paid for the item so cancelled.

4. "Here enamel paint is specified only synthetic enamel paint of approved make shall be used.

5. 1% Labourcess shall be deducted from the contractor bill.

6. Royalty will be deducted from the contractor bill as per rule & contractor will obtained the short term license from the mining department.

Jai Narain Vyas University
JODHPUR (Rai.)

Ist Running Account Bill

(FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED)

Cash book Voucher No. 14:

Date: 28/5/202

Name of Contractor

: M/s. Samrat Refrigeration

Name of Work

: P/F Energy Efficient Lights in Various Campuses of JNVU, Jodhpur.

S.No. of this Bill

Ref. of Work Order or Agr. :

Dated 12.04.2022

JNVU/BC/A-4/02

St. Date of Commencement

13.04.2022

Date of St. Completion

12.05.2022

Actual Date of Completion

12.05.2022

Chargeable Head

R.R.M. Works 2021-22

I - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity	Quantity	Items of work or soppliers/grouped under		Amou	nt (Rs.)	
	Unit	executed since last	executed uprodate as	'sub-head' and 'sub-works' of estimate	Rate (Rs.)		Since	Remarks
S.		Bill	per			Up to Date	Date Previous Bilis	
No.	2	3	ineasureme 4	5	6	7	8	9
1	Each	40	40	Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stabilization report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminaire efficacy ≥=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS R number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @≥=300 V AC and Auto resetting Safety. Input Frequency 50Hz=3% Power Factor >0.95 driver Efficiency >85% 3THD(1) <10% Humidity 10% to 90% RH Working Temp -5C to 45C. driver current <1000mA shown in LM79 report. The luminaire shall be BIS certified and T.C. certified. Life Expectancy Equal or more than 50000 burning hrs with Minimum 70% lumen maintened ,color Rendering Index >70 and CCT 5700K +355K. Surge protection shall be min ≥ 4 KV internal and min 10 KV external, driver should be Phase to phase protection of 440 V for 4 Hrs. Manufactures Word Mark/Name Engraved/Embossing on die cast housing to allow traceability/authenticity. Fixture shall be AS PER IS 10322. Complianced. OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) Certificate/ report with liable warranty of product/accessories from OEM shall be submitted. All as per pre approved by Engineer in charge. For additional technical parameters of products work, refer. Annexure "A" attached with this BSR. LED Street Light fixture 70 Watt		200000.00	200000.00	

		Quantity	Quantity	Items of work or soppliers/grouped under 'sub-head' and 'sub-works' of estimate		Amou	Amount (Rs.)	
S.	Unit	executed since last Bill	re last uptodate as Bill per measureme		Rate (Rs.)	Up to Date	i Since Previous Bills	Remarks
1	2	3	4	5	6	7	8	9
2	Ugeh	975	975	Providing & Fixing of IP20 SMD Mid Power LED batten type integrated light fixture made from polycarbonate /extruded aluminium powder coated housing with in built driver. Power Consumption of 18W/20W system lumen efficacy ≥ 120 lm/Watt output, internal surge protection of 2.5 KV with Short & Open circuit protection .THD < 10% .p.f≥0.95. CR1 > 80. life, time of minimum 50000 Burning Hours with .70% of initial Lumen maintained till life ends. CCT 3000°K (As per ANSI Bin), maximum power consumption should not more than the specified rating and Fixture shall be of BIS standard and trade mark certificate (T.C.). Manufactures Word Mark/ Name Engraved Embossing/ Screen printing on housing. OEM must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80) certificate / Report from OEM shall be submitted. All as per pre approved by engineer in charge, fee additional technical parameters of product/ work, refer Annexure "A" attacheded wiKV internal and min 10 KV external, driver should be Phase to phas	200	195000.00	195000,00	
					Total:-	395000.00	395000 00	

			Amount	(Rs.)	ark
Ouantity execute d since last Bill Quantity execute d uptodat e as per measur	nems of work or soppliers/grouped under 'subhead' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Rem
d s d s exe exe exe exe exe exe exe exe exe e		6	7	8	9
3 4	5		395000.00	395000.00	
	070/ halany		106650.00	106650.007	
	Less: T.P. 27% below Total value of work done or supplie	es made	288350.00	288350.00	
	Deduct value of work or supplie	s shown on previous bill			
	Net Value of work or supplies since if figures in work (a)	orevious bill	288350	288350	

निष्ठ

II - Certificate and Signature

The measurement made by: Shri Nahar Singh Assistant Engineer, recorded in M.B. No.2171 Page no. 38+040

Assistant ENGINEER

JAINARAIN VYAS UNIVERSIT

gnature of Contractor Two Cae Eighty Eight Thousand Three hundred Fifty on for Rs 208350/ 20035.00 10% 8443 Deposit II (S.D.) 1% 5767.00 Water Charges 1.04% 2% 2884.10 8658 Income Tax 1% 2004.00 GS" 1% SGST 1% Labour Cess 1.50% 0853 Mining (Royalty) (10% of Royalty) DEWIT

Control of the Contro	43254.W
Total Deductions:-	245036
By Cheque	288350/-
G. Total	RRM 2021-22
Chargeable Head	

Section Officer DER SECTION OF Vyas University
Jai Narain Vyas University

University Ingine WEER
BUILDING CELL
Jai Narain Vyas University
JODHPUR (841.)

Hand Running & Final Bill Account Bill

* GFOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED.)

Cash book Voucher No 20

Date: 1 8 2622

Name of Contractor

: M/s. Samrat Refrigeration

Name of Work

: P/F Energy Efficient Lights in Various Campuses of JNVU, Jodhpur.

S.No. of this Bill

IInd & Final Account Bill

Ref. of Work Order or AgrJNVU/BC/A-4/ 02 Dated 12.04.2022

St. Date of Commenceme 13.04.2022

Date of St. Completion 12.05.2022

Actual Date of Completion 12.05.2022

Chargeable Head R.R.M. Works 2021-22

I - ACCOUNT OF WORK OR SUPPLIES MADE

		Commit	Quantit	Items of work or soppliers/grouped under 'sub-		Amour	nt (Rs.)	
	Unit	Quantit y execute d since	У	head' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Remarks
S.		last Bill	uptodat		6	7	8	9
No.	2	3	4	5 Street			d and a second	
1	Eac	n 20	60	Providing & Fixing of IK07 IP 66 protected LED Street Light Luminaire on existing bracket/pole. Fixture made of powder coated single piece pressure die cast aluminum LM6/ADC12 material with heat dissipation fins on housing with UV stabilized PC/Toughened Glass cover (UV stablzation report submitted for UV cover) and secondary lens on each LED & should be SMD type. The System level Luminain efficacy >=120 lm/ wt with High Power LEDs is to be used and potted driver must be potted & has a unique BIS in number with Input Voltage AC 120 to 270 V AC with High voltage Cutoff @>=300 V AC and Auto resetting Safet Input Frequency 50Hz±3% Power Factor >0.95 drive Efficiency >85%, THD(1) <10% Humidity 10% to 90% R Working Temp -5C to 45C. driver current <1000mA show in LM79 report. The luminaire shall be BIS certified ar T.C. certified. Life Expectancy Equal or more than 5000 burning hrs with Minimum 70% lumen maintened ,col Rendering Index >70 and CCT 5700K +355K. Sur protec ion shall be min ≥ 4 KV internal and min 10 K external, driver should be Phase to phase protection of 440 for 4 Hrs. Manufactures Word Mark/Nat Engraved/Embossing on die cast housing to allutraceability/authenticity. Fixture shall be AS PER IS 103 Complianced. OEM Must have its own in house NABL setup for all testing facilities for LED fixture product/accessories from OEM shall be submitted. All per pre approved by Engineer in charge. For additional parameters of products/ work , refer Annex "A" attached with this BSR . LED Street Light fixture Watt	or see. of as onal cure	306240.0	0 106240.00	

			Quantit			Amet	nt (Rs.)	
S. No.		disince	execute execute	head' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Rema
1	2	3	4	5	6	7	8	9
2	Lach	7.5		Providing & fixing of IP20 SMD Mid Power LED batten type integrated light fixture made from polycarbonate / extruded aluminum powder coated housing with in built driver, Power Consumption of 18W/20W, system lumen efficacy> 120 Im/Watt output, internal surge protection of 2.5 KV with short and open Circuit Protection, THD < 10%, p.f.> 0.95, CRI>80, life time of minimum 50000 Burning hours with, 70% of intial Lumen maintained till life ends, CCT 3000"k / 4000"k / 5700"k / 6000"k / 6500"k (Asper ANSI Bin), maximum power consumption should not more than the specified rating and fixture shall be of BIS standard and trade mark certificate (T.C.) Manufactured Word / Mark / Name Engrave / Embossing / Screen printing on housing.OEM Must have its own in house NABL lab setup for all testing facilities for LED fixtures. (LM79/LM80 certificate/Report from OEM shall be submitted All as per pre apporved by engineer in charge foe additional technical parameteres of product/work refer Annexure"A" attacheded with this BSR.4 ft LED tube shape fixture 18/20W (Extruded Al Base)		239400.00	44400.00	
						545640.00	150640.00	

Ouantity execute d since lest Bill Quantity execute d uplodat a as per	items of work or sopoliers/grouped under 'sub-		- Amour	nt (Rs.)	×	
	items of work or soppliers/grouped under 'sub- head' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bilis	Rema	
3 1 4	5	6	7	8	5	
			545640.00	150640 00		
	Less:- T.P. 27% below		147322.80	40672.80		
	Total value of work done or supplied	es made	398317.20	109967.20		
	Deduct value of work or supplier	s shown on previous bill	288350.00			
	Net Value of work or supplies since pr figures in work (a)	evious bill	109967	109987		

The measurement made by : Shri Nahar Singh Assistant Engineer, recorded in M.3. No.247 Page no. 38 to 43

Signature of Contractor

Assistant Engineer LAINARA

109967

ed for Rs 109967 / one lee heme thousand hime hundred Staty seven 8443 Deposit II (S.D.) 10% Wrater Charges 1% 8658 income Tax 1.04% 21 21991-CST 1% 1100/ SGST 1% 1100/ Labour Cess 1% 1100 3853 Mining (Royalty) 1.50% (10% of Royalty) Total Deductions:-64361-By Cheque G. Total

Section Officer

Chargeable Head

Jai Narain Micon a see ity

MAESSIA Enginees H

BUILDING CEI

RRM204-22

Sai Narain Vyas Universite

JODHPUR (Bal.)

Ist & Final Account Bill (FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED)

Cash book Voucher No.

Name of Contractor

: M/s. Meghna Construction

Name of Work

: Sanitary work in P.G.Girls Hostel, JNVU, Jodhpur.

S.No. of this Bill

lst & Final Account Bill

Ref. of Work Order or Agr. : St. Date of Commencement 8.10.2021

JNVU/BC/A-4/29 Dated 8.10.2021

Date of St. Completion

Actual Date of Completion

17.10.2021 16.10.2021

R.R.M 2021-22

Chargeable Head

1 - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity	Quantity	Items of the I	IES MADI	3		
	Uni	executed	executed	Items of work or soppliers/grouped under 'sub-head' and 'sub-works' of estimate		Amou	nt (Rs.)	
S	o.	Bill	uptodate as per measureme		Rate (Rs.)	Up to Date	Since Previous Bills	Remarks
1	2	3	4	5	•			
1	Mtr	21.340	21.340	Dismantling G.I. pipes (external work) including excavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead: 15 mm to 40 mm nominal bore.	22	469.48	469.48	
2	Mtr	21.340	21.340	P & F G.I. Pipes (External work) with G.I. fittings (IS.1239 Mark) including trenching & refilling earth etc. 25 mm dia nominal bore	184	3926.56	3926.56	
3	Mtr	42.650		P&F CPVC Pipes in SDR 11 (Internal work) with CPVC fittings (IS:15778 Mark) including cutting and making good the walls and floors: (B) Concealed pipe in Wall (ii) 25mm dia	178	7591.70	7591.70	
4	Each	3.000	3.000	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make: Gun-metal 25 mm nominal bore	404	1212.00	1212.00	
	Each	5.000	5.000	P & F Low level Flushing Cistern of 10 litres capacity (IS:2556 mark) of approved make with complete fittings C I brackets duly painted, brass-ball cock with ball, (IS:1703 mark) complete including cutting and making good the wall. PVC with PVC bend as per IS: 7231		6360.00	6360,00	
5	Each	11.000	11.000	P & F Bib Cock (IS 8931 Mark) Superior ceating of approved make: C P Brass bib cock, 15 mm		5170.00	5170.00	
6				tominal bore Long body, 15 mm nominal bore weight not less	498	4980.00	4980.00	
7	Each	10.000	10.000	han 690 gm & F Pillar Cocks (IS 8934 Mark) of superior uality and approved make CP Pillar cock 15		5697.00	5697.00	
8	Each	9.000	n	nm dia nominal bore 2.8: F 15 mm Dia Connection pipe of approved	61	1098.00	1098.00	
9	Each	18.000	18.000	wality/make 600 mm &F waste pipe with all fitting PVC with PVC	61	61 00	61.00	
10	Each	1.000	1.000 N	lut 32mm & F. Inlet Connection (Angle Valves) Superior	316	5372.00	5372.00	
11	Each	17.000	1/ 000 1	uality, of approved make, for Wash of the C.P. Infet connection 15 mm Brass (IS 8931 to C.P. Infet connection 15 m		440.00	440.00	
12	Each	10.000	111 11100	al sheet size 1		393.00	393.00	
13	Each	1 000		& F water closet Seat Covers Will 1935 & F water Seat Covers Will 1935 Solid PVC (ISI marked) ade-I White for FWC				

	S.		since last Bill	uptodate as per		Rate (Rs.)	Up to Date	Since Previous B
1	No.			measureme	5	6	7	2
-	1	Each	3 4.000	4.000	P&F Bath shower of approved quality/ make C.P. brass of Heavy & superior quality, revolving with adjustable key 150mm.	439	1756.00	1756.00
	14				Jadjustable key 150hbh.	Total:-	44526.74	44526.7

Control of the Contro	Items of work or soppliers/grouped under 'sub- head' and 'sub-works' of estimate	ate (Rs.)	Amou	nt (Rs.)
3 4	5	6	Up to Date	Since Previous Bills
CERTIFICATE rtified that the work has en executed as per the D./MORTH Specifications.	Less:- T.P. 9.01% below Total value of work done or supplies n Deduct value of work or supplies sh previous	made nown on ious bill	44526.74 4011.86 40514.88	8 44526.74 4011.86 40514.88
Assistant Enginer D. Distt. Sub Division Mandore	Net Value of work or supplies since previo	ous bill	40515	40515

The measurement made by: Shri Nahar Singh Assistant Engineer, recorded in M.B. No.2249 Page no. 1 +0 4

Meeta Yuchwar ed Signature of Contractor

Assistant Engineer GINEER
BUILDING COLL
JAINARAIN VYAS UNIVERSITA

	IJAINA	ARAIN VYAS UNIVERSI
ssed for Rs 40515/. Founty thousand fine hundre	el fifteen only	JODHPUR
8443 Deposit II (S.D.)	10%	4052.10
Water Charges	1%	42
8658 Income Tax	1.04%	421.00
GST	1%	405.00
SGST	1%	405.00
Labour Cess	1%	405.00
0853 Mining (Royalty)	1.50%	600-10
DFMT	(10% of Royalty)	61.00

Total Deductions:-	6357 10		
By Cheque	34150 W		
G. Total	40515-10		
Chargeable Head	RRM 2021-22-		

Section Officer

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University Engineer
UNIVERSITY ENGINEER
BUILDING CELL
Jai Narain Vyas University
IODHPUR (Ral.)

1st & Final Account Bill

(FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED.)

Cash book Voucher No.

Name of Contractor

: M/s. Meghna Construction

Date:

Name of Work

: Sanitary work in Derashree Hostel, Mathematics, Zoology Department & Botany Department, JNVU, Jodhpur.

S.No. of this Bill

Ist & Final Account Bill

Ref. of Work Order or Agr. :

JNVU/BC/A-4/30 Dated 8.10.2021

St. Date of Commencement

8.10.2021 17.10.2021

Date of St. Completion Actual Date of Completion

16.10.2021

Chargeable Head

R.R.M 2021-22

I - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity Quantity Items of work or soppliers/grouped under			Amount (Rs.)			
S.	Unit	executed since last Bill	executed uptodate as per measureme		Rate (Rs.)	Up to Date	Since Previous Bills	Remarks
	2	3	4	5	6	7	8	9
1	Mtr	24.300	24.300	Dismantling G.I. pipes (external work) including exeavation and refilling trenches after taking out the pipes and including stacking of pipes within 50 meter lead. Above 40 mm nominal bour	27	656.10	656.10	
2	Each	4.000		P & F PVC Storage Tank (18:12701 marked indicating the BIS license No.) of approved make with cover, 25 mm dia i M long G.l. over-flow pipe & 25 Cm long wash out pipe with plug & socket, including making connection etc complete of approved design 1000 litres capacity	7728	30912.00	30912.00	
3	Each	4.000	4.000	P & F Ball Cock (IS 1703 Mark) with Rod & P.V.C. Ball complete. Brass wt. 400 gm, 15 mm.	294	1176.00	1176.00	
	Mtr	9.750	9.750	P & F.G.I. Pipes (Internal work) with G.I. fittings (IS.1239 Mark) & M.S. clamps including cutting and making good the walls and floors - 25 mm dia	288	2808.00	2808.00	
4				nominal bore 15 mm dia nominal bore	- 187	2300.10	2300.10	
5	Mtr	12.300	24 300	P & F G.1 Pipes (External work) with G.1 fittings (IS 1239 Mark) including trenching & refilling earth etc. 50mm dia nominal bore	323	7848.90	7848.90	
	Each	2.000	2.000 1 1 1 1 1 1 1 1 1	P & F Low level Flushing Cistern of 10 litres capacity (18:2556 mark) of approved make with complete fittings C.1. brackets duly painted, brass ball cock with ball, (18 1703 mark) complete including cutting and making good the wall	1272	2544.00	2544.00	
	Each	1.000	1.000	of approved make Long body, 15 mm nominal	470	498.00	498.00	
3	r l	4.000	1000	daking connection with existing GT pipes times	108	432.00	432.00	
1	Each	4.000	4.000	f all sizes.	Total:	49175.10	49175.10	

Spanned with Cameran

Ouantity execute	0= 0	5	(Rs.) Amo	Punt (Rs.)
CERTIFICATION CE	FICATE the work has ed/as per the	Less:- T.P. 9.01% below Total value of work done or supplies made of the supplies of work or supplies shown previous	0 00 44/44.42	1 49175
Assistant Enginer P.W.D./Distt. Sub Division Mandore		Net Value of work or supplies since previous to figures in work (a)	+	44744

The measurement made by: Shri Nahar Singh Assistant Engineer, recorded in M.B. No 224) Page no. 5 + 6 0

Dated Signature of Contractor

ASSISTANT Engineer
BUILDING C

Passed for D. 141211 1 a	7"	BUILDING C
1 assect for RS 44+44/ - Franky Four Housen 1	JAINA	RAIN VYAS UNIVER
Passed for Rs 44744/- Founty Four Horizonel Screntum 8443 Deposit II (S.D.)	nelsel foundy four	ON MODHPUR
Water Charges	10%	
obbs Income Tax	1%	4474-10
GST	1.04%	447 20
SGST	1%	465-10
Labour Cess	1%	447-10
0853 Mining (Royalty) DFMT	1%	447.10
SI IVI	1.50%	1 447.4
Total Deductions:-	(10% of Royalty)	671.W
By Cheque	(10% of Royalty)	67 W
G. Total		
Chargeable Head		7010.W
		37726.00
	Roma	64744.W
	RRVIII	021-12

Section Officer
SECTION OFFICER
Jai Narain \
Jodhpur Jodhpur

University Engineer
ONIVERSITY ENGINEERS
BUILDING CELL
fai Narain Vyas Universit
JODHPUR (Ral.)

Ist & Final Account Bill

(FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED)

Cash book Voucher No. 149

Name of Contractor

: M/s. Meghna Construction

Name of Work

: Sanitary work in Diamond Hostel New Campus.

S.No. of this Bill

Ist & Final Account Bill.

Ref. of Work Order or Agr. :

JNVU/BC/A-4/24 Dated 6.12.2021

St. Date of Commencement Date of St. Completion

6.12.2021

Actual Date of Completion

15.12.2021 14.12.2021

Chargeable Head

RRM Works 2021-22

I - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity executed	Quantity executed	items of work or soppliers/grouped under		Amou	int (Rs.)	
S. No.	Unit	since last Bill	uptodate as per measureme	'sub-head' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Remarks
1	Each	11.000	11.000	P & F Pillar Cocks (IS:8934 Mark) of superior quality and approved make: C.P. Pillar cock 15 mm dia nominal bore.	633	6963.00	6963.00	
2	Each	17.000	17.000	P & F 15 nun. Dia Connection pipe of approved quality/make: PVC pipe with C.P. Brass nuts 600 mm.	61	1037.00	1037.00	
3	Each	8.000	8.000	P&F Bath shower of approved quality/ make C.P. brass of Heavy & superior quality, revolving with adjustable key 150num.	439	3512.00	3512.00	
4	Each	8.000	8.000	P & F Low level Flushing Cistern of 10 litres capacity (1S:2556 mark) of approved make with complete fittings C.l. brackets duly painted, brass ball cock with ball, (IS:1703 mark) complete including cutting and making good the wall: PVC with PVC bend as per IS: 7231	1272	10176.00	10176.00	
5	Each	12.000	12.000	P & F Bib Cock (IS:8931 Mark) Superior quality of approved make: C.P. Brass Long body, 15 mm nominal bore weight not less than 690 gm.	498	5976.00	5976.00	
6	Each	10.000	10.000	C.P. Brass bib cock, 15 mm nominal bore.	470	4700.00	4700.00	
7	Each	16.000	16.000	P & F Inlet Connection (Angle Valves) Superior quality, of approved make, for Wash basin, Gyser etc. C.P. Inlet connection 15 mm Brass (IS:8931 marked).	316	5056.00	5056.00	
8	Each	2.000	2.000	P & F Ball Cock (IS:1703 Mark) with Rod & P.V.C. Ball complete: Brass wt. 400 gm, 15 mm.	294	588.00	588.00	
9	Each	1.000		P & F Full-way valve (IS:778 Mark) or wheel valve of approved make: Gun-metal 15 mm nominal bore.	322	322.00	322.00	
10	Each	4.000	7.000	Gun-metal 25 mm nominal bore.	404	1616.00	1616.00	
	Mtr	9.000	9.000	P & F CPVC Pipes in SDR 11 (Internal work) with CPVC fittings (IS:15778 Mark) including cutting and making good the walls and floors: (B) Concealed pipe in wall (ii) 25min dia	178	1602.00	1602.00	
11	Each	18.000		Providing and fixing C.P. flange for 15mm dia taps	14	252.00	252.00	
12	Each	20.000	20.000	P&F extension pipe for bib cocks of approved quality/make: C P brass of Heavy & superior quality 50x15mm	74	1480.00	1480.00	
13	Each	1.000	1.000	P & F PVC Storage Tank (IS 12701 marked indicating the BIS license No.) of approved make with cover, 25 mm dia 1 M long G L over-flow pipe & 25 Cm long wash out pipe with plag & socket, including making connection etc. complete of approved design 1000 litres trapacity.	7728	7728.00	7728.00	

		Quantity executed	Quantity executed	Items of work or soppliers/grouped under 'sub-head' and 'sub-works' of estimate		Amo	ount (Rs.)
S. No.	Unit	since last Bill	uptodate as per measureme		Rate (R	Up to Date	Since Previous B
15	Sqm	0.280	0.280	Providing and fixing welded mesh/expanded metal mesh in frame work, flat iron beading 20x3mm including top cross laps inside and out sides welding, iron bolts, screws, clips etc. complete (excluding frame work) of size. Welded mesh 25x25mmx16 gauge.	611	171.08	171.08
16	Kg	16.220	16.220	Providing and fixing steel gate grating and grills made of angles, tees, square bars or other flats black pipe with holdfast and fittings complete as per design and drawing including cutting welding and fabrication with priming coat of red oxide.	91	1476.02	1476.02
17	Mtr	0.000	0.000	P & F G.I. Pipes (Internal work) with G.I. fittings (IS:1239 Mark) & M.S. clamps including cutting and making good the walls and floors: 25 mm dia nominal bore.	288	0.00	·).00
	-				Total:-	52655.10	52655.10

d with Ca

Items of work or soppliers/grouped under to				
Rate	e (Rs.)	Up to Date	Since Previous	Remark
	6	7	Bills	
Less:- T.P. 9.01% below		52655.10	52655.10	9
Total value of work done		4744.22	4744.22	
Deduct val	ade	47910.88	47910.88	
and the of work or supplies show	wn on			
Net Value of work or supplies since previous figures in work (a)	ıs bill	47911	47911	
	Less:- T.P. 9.01% below Total value of work done or supplies m. Deduct value of work or supplies sho previo	Less:- T.P. 9.01% below Total value of work done or supplies made Deduct value of work or supplies shown on previous bill Net Value of work or supplies since previous bill	Rate (Rs.) Up to Date 5 6 7 Less:- T.P. 9.01% below Total value of work done or supplies made Deduct value of work or supplies shown on previous bill Net Value of work or supplies since previous bill	Rate (Rs.) Comparison of the Sub-works' of estimate Participate P

The measurement made by : Shri Nahar Singh Assistant Engineer, recorded in M.B. No.2242Page no. 20 to 31

Mey to Yulw Signature of Contractor

ASSISTANT ENGINEE Assistant Engineer CELL

d for Rs 4754 /- Ferry serve thousand A	enchandra / Eleven only	JODHPUR
8443 Deposit II (S.D.)	10%	4791.00
Water Charges	1%	400 . 10 CL
8658 Income Tax	1.04%	490.00
GST	1%	479.00
SGST	1%	479.w
Labour Cess	1%	479.00
0853 Mining (Royalty)	1.50%	
DFMT	(10% of Royalty)	

Total Deductions:-	4HO5-10 6726W
By Cheque	41105 0
G. Total	4791100
Chargeable Head	RRm2021-22_

Section Officer CER SECONO PRINCIPLE SEC

University Engineer SEER
BUILDING CHAIL
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JOHPUR (Ral.)

Ist & Final Account Bill

(FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED)

Cash book Voucher No. 1.50

Name of Contractor

: M/s. Meghna Construction

Name of Work

: Sanitary work in Law faculty, K.N.College servant qtr no. 6 Engg fac. & Science block Engg fac. & Chowkidar Room VC

Date: 31/12/27

S.No. of this Bill

Ist & Final Account Bill

Ref. of Work Order or Agr. :

JNVU/BC/A-4/26 Dated 15.12.2021

St. Date of Commencement

15.12.2021

Date of St. Completion Actual Date of Completion

24.12.2021 23.12.2021

Chargeable Head

RRM Works 2021-22

1 - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity	Quantity	Items of work or		Amoun	t (Rs.)	
S. No.	Unit	since last Bill	executed uptodate as per measureme	soppliers/grouped under 'sub- head' and 'sub-works' of estimate	Rate (Rs.)		Since Previous Bills	Remarks
-1	Mtr	24.380	24.380	P & F G.I. Pipes (External work) with G.I. fittings (IS:1239 Mark) including trenching & refilling	184	4485.92	4485.92	
2	Each	1.000	1.000	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make: Gun-metal 50 mm nominal	1037	1037.00	1037.00	
3	Each	3.000	3.000	P&F Grating of approved quality/ make Stainless steel sheet size	44	132.00	132.00	
4	Each	2.000	2.000	P & F kitchen & Lab Sink of approved make with C.I. brackets duly painted, 40 mm C.P. waste coupling, C.P. Brass chain with rubber plug, 40 mm G.I. waste pipe up to floor level complete including	2170	4340.00	4340.00	
	Each	3.000	3.000	P & F Bib Cock (IS:893! Mark) Superior quality of approved make: C.P. Brass Long body, 15 mm nominal bore weight not less than	498	1494.00	1494.00	
5	Mtr	3.000	3.000	P&F rigid PVC Pipe (IS:4985 mark) class II(4 Kg. /Cm.) approved quality /make including joining the pipe with solvent cement rubber	251	753.00	753.00	
6	Each	2.000	2.000	P & F PVC Storage Tank (IS:12701 marked indicating the BIS license No.) of approved make with cover, 25 mm dia 1 M long G L over-flow pipe & 25 Cm. long wash out pipe with plug & socket, including	7728	15456.00	15456.00	
7			1.000	making connection etc. complete of 500 litres capacity.	3828	3828.00	3828.00	
8	Each	1.000	1.000	P & F G 1 Pipes (External work)	145	6191.50	6191.50	
9_	Mtr	42.700	42.700	including trenching & refilling P & F Full-way valve (18:778 Mark) or wheel valve of approved		966.00	966.00	
	Each	3.000	3.000	make : Gun-metal 15 min nominal Gun-metal 25 min nominal bore.	404	1616.00	1616.00	
10	-	4.000	4.000	Guit-metal 23 mm nome				
11	Each	4.000						

		Quantity				Amount (Rs.		it (Rs)	7	
5.	Unit	executed since last Bill	uptodate as per measureme	head' and 'sub-works' of estimate	Ra	ate (Rs.)			Since Previou Bills	S
12	Sqm	1.500	1.500	Stone slab roofing on ground with fine grained stone slab from approved quarry with 150 mm to lime terracing with Hemp, Methalime, Sandla with Gur & Gugal (aper JODHPUR PRACTICE including ralthal, filling of joints of parapet and slab on both sides in cement sand mortar 1:4 lime batt (gola) 75mmx75mm Sandla and ceiling plaster in CM 1:4 with wire and nails etc. complete as perspecification for span. Upto 2.00 metre. Providing and laying lime terrace on roofs of ground floor including lime batta (gola) 75mm	om op ni, as E) of n	94	1491.0	00	1491.00)
13	Sqm	1.500	1.500	Cement concrete flooring grade 1:2:4 (1-Cement:2-Coarse sand:4-graded stone aggregate) rounding off edges etc. but excluding the cost of nosing of steps etc. complete IS 2571-1970 · 50 mm thick with 20	281		121.50	4	21.50	
14	Each	1.000	1.000	Making connection with existing G.I. pipes lines of all sizes.	108	1	08.00	10	8.00	
15	Mtr	55.000	55.000	P & F CPVC Pipes in SDR 11 (Internal work) with CPVC fittings (IS:15778 Mark) including cutting and making good the walls and	135		25.00		5.00	
16	Each	1.000	1.000	WC pan India/ Orissa pan	110	11	0.00	110	00	
17	Each	1.000	1.000	white glazed vitreous china W.C. pan 1st quality with P or S trap neluding cutting and making good he wall and floor. P & F water closet Seat Covers with brass ninges complete 1S 2548-1996	2941	2941		2941.0		
18	Each	1.000	1.000 G	of approved make with a problem	1272	1272.0	00 12	?72.00		
				1	Total:-	54067.9	92 540	67.92	+	

Unit	Quantity execute d since last Bill	Quantity	- 0 -	s per	Items of work or soppliers/grouped under 'sub- head' and 'sub-works' of estimate		Amount (Rs.)		7
2	3 3	ex &		e a		Rate (Rs.)	Up to Date	Since Previous Bills	Remark
			4		5	6	7	8	9
	-						54067.92	54067.92	
					Less:- T.P. 9.01% below		4871.52	4871.52	
					Total value of work done or supplied	es made	49196.40	49196.40	
					Deduct value of work or supplies				
					Net Value of work or supplies since pr figures in work (a)	evious bill	49196	49196	

The measurement made by: Shri Nahar Singh Assistant Engineer, recorded in M.B. No2242 Page no. 33 to37

Dated Signature of Contractor

ASSISTANT ENGINEER
Assistant Engineer L
MAINARAIN VYAS UNIVERSI

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Passed for Rs 49196/- Formy were thensend one he	ule leady cons	JODHPUR
8443 Deposit II (S.D.)	10%	4920 W
Water Charges	1%	
8658 Income Tax	1.04%	512·W
GST	1%	492.00
SGST	1%	492.00
Labour Cess	1%	492'10
0853 Mining (Royalty)	1.50%	
DFMT	(10% of Royalty)	_
Total Deductions:-		6900.00
By Cheque		42200.00
G. Total		49196.00
Chargeable Head	RRMO	421-22

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Ist & Final Account Bill

(FOR CONTRACTOR AND SUPPLIERS FOR PAYMENTS FOR WORK OR SUPPLIES ACTUALLY MEASURED)

Cash book Voucher No. 195

Date: 2013/22

Name of Contractor

: M/s. Meghna Construction

Name of Work

: Sanitary work in Chemistry deptt, Gandhian Centre, Qtrs IV FN/New,

IIIF/3, I/10, IIIF/21 Board of sports, Law faculty & Commerce fac,

Dated 06.01.2022

S.No. of this Bill

1st & Final Account Bill

Ref. of Work Order or Agr. :

JNVU/BC/A-4/49

St. Date of Commencement

Date of St. Completion

06.01.2022 20.01.2022

Actual Date of Completion

19.01.2022

Chargeable Head

R.R.M 2021-22

I - ACCOUNT OF WORK OR SUPPLIES MADE

		Quantity executed	Quantity executed	Items of work or soppliers/grouped under 'sub-head' and 'sub-works' of estimate		Amou	int (Rs.)	
S. No.	Unit	since last Bill	uptodate as per measureme	sub-ficad and sub-works of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Remarks
1	2	3	4	5	6	7	8	9
1	Mtr	30.48	30.480	P & F G.I. Pipes (External work) with G.I. fittings (IS:1239 Mark) including trenching & refilling earth etc. 50mm dia nominal bore.	323	9845.04	9845.04	
2	Mtr	6.09	6.090	P & F G.I. Pipes (Internal work) with G.I. fittings (IS:1239 Mark) & M.S. clamps including cutting and making good the walls and floors: 40 mm dia nominal bore.	351	2137.59	2137.59	
3	Mtr	22.86	22.860	P & F G.I. Pipes (External work) with G.I. fittings (IS:1239 Mark) including trenching & refilling earth etc. 25 mm dia nominal bore.	184	4206.24	4206.24	
4	Mtr	82.28	82.280	15 mm dia nominal bore.	145	11930.60	11930.60	
5	Mtr	6 09	6.090	P & F CPVC Pipes in SDR 11 (Internal work) with CPVC fittings (IS:15778 Mark) including cutting and making good the walls and floors: (B) Concealed pipe in wall (i) 20mm dia	135	822.15	822.15	
6	Each	1	1.000	P & F Full-way valve (IS:778 Mark) or wheel valve of approved make : Gun-metal 50 mm nominal bore.	1037	1037.00	1037.00	
7	Eacl	1	1.000	Gun-metal 40 mm nominal bore.	762	762.00	762.00	
8	B Eacl	1 12	12.000	Gun-metal 25 mm nominal bore.	404	4848.00	4848.00	
9	Each	6	6.000	P & F Ball Cock (IS:1703 Mark) with Rod & P.V.C. Ball complete: Brass wt. 1000 gm, 25 mm.	734	4404.00	4404.00	
10	Each	2	2.000	P & F Ball Cock (IS:1703 Mark) with Rod & P.V.C Ball complete: Brass wt. 400 gm. 15 mm.	294	588.00	588.00	
11	Each	8	8.000	P & F Bib Cock (IS:8931 Mark) Superior quality of approved make: C.P. Brass Long body, 15 mm nominal bore weight not less than 690 gm.	498	3984.00	3984.00	
12	Each	6	6.000	P & F Bib Cock (IS:8931 Mark) Superior quality of approved make : C.P. Brass bib cock, 15 mm nominal bore.	470	2820.00	2820.00	
13	Each	5	5.000	Making connection with existing G.I. pipes lines of all sizes.	108	540.00	540.00	
14	Each	1	1.000	P & F European type white glazed vitreous china Ist quality W.C. pan (IS:2556 Mark) with P or S trap including cutting and making good the wall and floor. P & F water closet Seat Covers with brass hinges complete IS 2548-1996: Solid PVC (ISI marked) grade-I White for EWC. P&F Jet spray for water closet with C.P. copper tube flange of approved make	2175	2175.00	2175.00	

	Quantity executed	Quantity executed	Items of work or soppliers/grouped under 'sub-head' and 'sub-works' of estimate		Amo	Amount (Rs.)	
Unit	since last Bill		sub-licad and sub-works of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	
2	3	4	₹ 5	6	7	8	
				Total:-	50099.62	50099.62	

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Cuantity execute d since last Bill Cuantity execute d uptodat e as per measur	tems of work or soppliers/grouped under 'sub-		Amour	nt (Rs.)		
3 4	head' and 'sub-works' of estimate	Rate (Rs.)	Up to Date	Since Previous Bills	Remark	
		0		8	9	
+	Less:- T.P. 9.01% below		50099.62	50099.62		
CERTIFICATE			4513.98	4513.98		
- Uhat the work has	Total value of work done or supplies made		45585.64	45585.64		
en executed as per the	Deduct value of work or supplies					
Assistant Enginer N.D. Distt. Sub Division Mandore	Net Value of work or supplies since pr figures in work (a)	evious bill	45586	45586		

The measurement made by : Shri Nahar Singh Assistant Engineer, recorded in M.B. No.2164 Page no. 80+083

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ASSISTANT ENGINEER
Assistant Engineer
Assistant Engineer
TAINARAIN VYAS UNIVERSIT

TO TAY LINY IT					
for Rs 45586/- Formy Rine thousand	d Fre hundred	Elghy Sopony			
8443 Deposit II (S.D.)	10%	1 4555/-			
Water Charges	1%				
8658 Income Tax	1.04%	474/-			
GST	1%	456/-			
SGST	1%	4561-			
Labour Cess	1%	456 /-			
0853 Mining (Royalty)	1.50%				
DFMT	(10% of Royalty)				
Total Deductions:-					
		6401/-			
By Cheque		39185/_			
G. Total		USCR11			

Section OfficerER
SECTION OFFICER
Building Cell
Jai Narain Vyas University
Jodhpur

Chargeable Head

University Engineer
UNIVERSITY ENGINER
BUILDING CELL
Ini Narain Vyas University
JODHPUR (Bal.)

RAM 2021-22