Tender No: All-EN-OHSR-MD-IQG-22-193 Closing Date/Time: 24/09/2022 12:00

GM/DFCCIL/AJMER acting for and on behalf of The President of India invites E-Tenders against Tender No AII-EN-OHSR-MD-IQG-22-193 Closing Date/Time 24/09/2022 12:00 Hrs. Bidders will be able to submit their original/revised bids upto closing date and time only. Manual offers are not allowed against this tender, and any such manual offer received shall be ignored.

Contractors are allowed to make payments against this tender towards tender document cost and earnest money only through only payment modes available on IREPS portal like net banking, debit card, credit card etc. Manual payments through Demand draft, Banker cheque, Deposit receipts, FDR etc. are not allowed.

1. NIT HEADER

Name of Work	Construction of Over Head km 1050 to 645 in the juris	Water Tank including rising mains & dis diction of GM/Co Ajmer	stribution pipe line from
Bidding type	Normal Tender		
Tender Type	Open	Bidding System	Single Packet System
Tender Closing Date Time	24/09/2022 12:00	Date Time Of Uploading Tender	01/09/2022 17:36
Pre-Bid Conference Required	No	Pre-Bid Conference Date Time	Not Applicable
Advertised Value	62012258.00	Tendering Section	WORKS
Bidding Style	Single Rate for Tender	Bidding Unit	Above/Below/Par
Earnest Money (Rs.)	460100.00	Validity of Offer (Days)	45
Tender Doc. Cost (Rs.)	0.00	Period of Completion	6 Months
Contract Type	Works	Contract Category	Expenditure
Bidding Start Date	10/09/2022	Are Joint Venture (JV) firms allowed to bid	No
Ranking Order For Bids	Lowest to Highest	Expenditure Type	Capital (Works)

2. SCHEDULE

Please see Item Breakup for details. 3623400.00 AT Par 3623400.00 Description:- PHED BSR 2022/1.1 Providing, lowering, laying in trenches, aligning, fixing in position Ductile Iron (DI) ISI marked K-7 grade S&S pipes as per IS:8329-2000 (amended upto date), with int mortar lining suitable for potable water with rubber ring (EPDM) joints as per IS: 5382-1985 inclus (Central and local), transportation and freight charges, inspection charges, loading/ unloading charge cost of labour and material, specials (Tee, bend etc.) satisfactory hydraulic testing, disinfection etc. per technical specifications and direction of Engineer-in-charge. (excluding earth work) Note: Fixing of all requisite specials as per drawing, design and layout are inclusive in RM measurement of shall not be paid separately. Please see Item Breakup for details. 330000.00 AT Par 330000.00 Description:- PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials ms sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, align position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, ou testing and commissioning along with pipe line as per technical specifications and direction of charge. 41 2200.00 cum 194.00 426800.00 AT Par 426800.00 Description:- PHED BSR 2022/4.1 Earth work in excavation by mechanical means (Hydraulic manual means in trenches of required width and gradient for laying and jointing of pipe line including for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the soil, and then returning the soil as required width and gradient for laying and jointing of surplus excavated soil as directed within Mtr. including required all safety provisions etc.: All kinds of soil Please see Item Breakup for details. 381700.00 AT Par 381700.00 Description:- Earth work in excavation by mechanical means (Hydraulic Excavator) // manual mean of required width and gradient for laying and jointing of pipe	S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Description:- PHED BSR 2022/1.1 Providing, lowering, laying in trenches, aligning, fixing in position Ductile Iron (DI) ISI marked K-7 grade S&S pipes as per IS:8329-2000 (amended upto date), with int mortar lining suitable for potable water with rubber ring (EPDM) joints as per IS: 5382-1985 includ (Central and local), transportation and freight charges, inspection charges, loading/ unloading charge cost of labour and material, specials (Tee, bend etc.) satisfactory hydraulic testing, disinfection etc. per technical specifications and direction of Engineer-in-charge. (excluding earth work) Note: Fixing of all requisite specials as per drawing, design and layout are inclusive in RM measurement of shall not be paid separately. Please see Item Breakup for details. 330000.00 Description:- PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials masheet strips of relevant IS specification of approved thickness by welding, lowering, laying, align position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, ou testing and commissioning along with pipe line as per technical specifications and direction of charge. 41 2200.00 cum 194.00 426800.00 AT Par 426800.00 Description:- PHED BSR 2022/4.1 Earth work in excavation by mechanical means (Hydraulic manual means in trenches of required width and gradient for laying and jointing of pipe line including for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the soil, and then returning the soil as required in layers not exceeding 20cm in depth including conso deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within Mtr. including required all safety provisions etc.: All kinds of soil Please see Item Breakup for details. 381700.00 AT Par 381700.00 Description:- Earth work in excavation by mechanical means (Hydraulic Excavator) // manual mean of required width and gradient for laying and jointing of pipe line inc	hedule	A-PHED BS	SR-Estimate of	of rising main	ns pipe line			8359175.00	
Ductile Iron (DI) ISI marked K-7 grade S&S pipes as per IS:8329-2000 (amended upto date), with int mortar lining suitable for potable water with rubber ring (EPDM) joints as per IS: 5382-1985 inclus (Central and local), transportation and freight charges, inspection charges, loading/ unloading charge cost of labour and material, specials (Tee, bend etc.) satisfactory hydraulic testing, disinfection etc. per technical specifications and direction of Engineer-in-charge. (excluding earth work) Note: Fixing of all requisite specials as per drawing, design and layout are inclusive in RM measurement of shall not be paid separately. Please see Item Breakup for details. 33000.00 AT Par 330000.00 Description:- PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials ms sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, aligr position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, out testing and commissioning along with pipe line as per technical specifications and direction of charge. 41	ſ	Please see	Item Breakup	o for details.		3623400.00	AT Par	3623400.00	
Description:- PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials may sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, align position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, out testing and commissioning along with pipe line as per technical specifications and direction of charge. 41 2200.00 cum 194.00 426800.00 AT Par 426800.00 Description:- PHED BSR 2022/4.1 Earth work in excavation by mechanical means (Hydraulic manual means in trenches of required width and gradient for laying and jointing of pipe line including for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the soil, and then returning the soil as required in layers not exceeding 20cm in depth including consorted layer by ramming, watering etc. and disposal of surplus excavated soil as directed within Mtr. including required all safety provisions etc.: All kinds of soil Please see Item Breakup for details. 381700.00 AT Par 381700.00 Description:- Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual mean of required width and gradient for laying and jointing of pipe line including excavation for sockets, an sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer watering etc. and stacking serviceable material for measurements and disposal of unserviceable directed, with in a lead of 50 Mtr. including all safety provisions required ::	[r (c f	Ductile Iron mortar linin (Central and cost of labout per technic fixing of all	(DI) ISI mark g suitable for d local), trans our and mater al specification requisite spec	sed K-7 grad r potable wa sportation ar rial, specials ons and dire cials as per c	e S&S pipes ter with rub nd freight cha (Tee, bend ection of Er	as per IS:8329-200 ber ring (EPDM) jo arges, inspection c etc.) satisfactory h igineer-in-charge.	00 (amended ints as per IS harges, loadir lydraulic testir (excluding ea	upto date), with int 5: 5382-1985 including/ ng/ unloading charging, disinfection etc. rth work) Note: P	ernal cement ding all taxes ges, including complete as roviding and
sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, align position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, ou testing and commissioning along with pipe line as per technical specifications and direction of charge. 41 2200.00 cum 194.00 426800.00 AT Par 426800.00 Description:- PHED BSR 2022/4.1 Earth work in excavation by mechanical means (Hydraulic manual means in trenches of required width and gradient for laying and jointing of pipe line includin for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the soil, and then returning the soil as required in layers not exceeding 20cm in depth including consol deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within Mtr. including required all safety provisions etc.: All kinds of soil Please see Item Breakup for details. 381700.00 AT Par 381700.00 Description:- Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual mean of required width and gradient for laying and jointing of pipe line including excavation for sockets, an sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer watering etc. and stacking serviceable material for measurements and disposal of unserviceable directed, with in a lead of 50 Mtr. including all safety provisions required .:	F	Please see	Item Breakup	o for details.		330000.00	AT Par	330000.00	
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manual means in trenches of required width and gradient for laying and jointing of pipe line includir for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the soil, and then returning the soil as required in layers not exceeding 20cm in depth including consoled deposited layer by ramming, watering etc. and disposal of surplus excavated soil as directed within Mtr. including required all safety provisions etc.: All kinds of soil Please see Item Breakup for details. 381700.00 AT Par 381700.00 Description:- Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual mean of required width and gradient for laying and jointing of pipe line including excavation for sockets, an sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer watering etc. and stacking serviceable material for measurements and disposal of unserviceable directed, with in a lead of 50 Mtr. including all safety provisions required .:	4	41	2200.00	cum	194.00	426800.00	AT Par	426800.00	
Description:- Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual mean of required width and gradient for laying and jointing of pipe line including excavation for sockets, an sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer watering etc. and stacking serviceable material for measurements and disposal of unserviceable directed, with in a lead of 50 Mtr. including all safety provisions required .:	r f s	manual me for sockets, soil, and the deposited la	ans in trench , and dressing en returning ayer by ramm	es of require g of sides, ra the soil as ra ning, waterin	ed width and amming of be equired in la g etc. and d	gradient for laying pottoms, depth up t lyers not exceeding lisposal of surplus	and jointing of and jointing of 1.5 Mtr. inc g 20cm in dep	of pipe line including luding taking out the other including conso	g excavation ne excavated lidating each
of required width and gradient for laying and jointing of pipe line including excavation for sockets, an sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer watering etc. and stacking serviceable material for measurements and disposal of unserviceable directed, with in a lead of 50 Mtr. including all safety provisions required .:	ı	Please see	Item Breakup	for details.		381700.00	AT Par	381700.00	
	(5 5 1	Description:- Earth work in excavation by mechanical means (Hydraulic Excavator)/ manual means in trenches of required width and gradient for laying and jointing of pipe line including excavation for sockets, and dressing of sides, ramming of bottoms, depth up to 1.5 Mtr. including taking out the excavated soil, and then returning the soil as required in layers not exceeding 20cm in depth including consolidating each deposited layer by ramming, watering etc. and stacking serviceable material for measurements and disposal of unserviceable material as							
Please see Item Breakup for details. 246400.00 AT Par 246400.00	ı	Please see	Item Breakup	o for details.		246400.00	AT Par	246400.00	

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5	Description:- PHED BS Resilient seated (soft se body passage of approv of following specification SG-400/12 as per IS 18 same material as body 8 face dimensions as per (AISI 316 or equivalent) water) coated with mini confirming to IS:1363 a support structure as per and commissioning alor charge. Note: Rates ar Resilient Seated Sluice V	ated) Sluice Valves (Ced make of following of St. Body & bonnet of Interest of St. Body & St. Body	date Valves), Vacuu class & dia complete Ductile cast iron of gr e as per IS :3896-par er lined with EPDM (6/2000 (amended up wder(EP-P)/ Fusion to microns inside ar sed steel) Insersion uice valves including per Technical Specifi	m tight(bubble confirming to E cade GGG40/Grt2-1985 and s food grade quoto to date) /Din bond epoxy (Ind outside, Dr rubber of bla all jointing & jucations and a	tight), straight and 3S-EN-1171/ AWW, GGG50 as per DIN subsequent revision ality) and seals of N 3202 F4, Stem/ s Non-Toxic- suitable cilled as per IS 15 ck EPDM 6mm thointing material, lal s per direction of	pocket less A C-509 and 1693 or GR s, Wedge of NBR Face to pindle of SS for drinking 38. Nut-Bolt ick. Suitable bour, testing Engineer-in-
	Please see Item Breakur	for details.	148720.00	AT Par	148720.00	
6	Description:- PHED BS means using pneumatic designated locations and dismantled trench to be shall be made for trenct technical specification are	R 2022/4.6 Dismantling to tools, breaking to disposal of disman made as per standard the width more than s	ng of flexible paveme pieces not exceedin Itled materials up to I trench width specifi pecified, re-handling	ent for pipe line og 0.02 cum i o a lead of 10 ed in tender do of material/ea	e and chambers by in volume and sto 000 meters. Meas ocument and no ex arth to complete th	ock piling at urement for tra payment
	45 220.00	cum 718.0	157960.00	AT Par	157960.00	
7	Description:- PHED BSI mechanical means usin exceeding 0.02 cum in via lead of 1000 meters. Note the tender document and not of material/earth to compare the second secon	g pneumatic tools, co olume and stock piling Measurement for dism extra payment shall b	utting the peripheral at designated location and the trench to be made be made for	edge by CC ons and dispos nade as per sta trench width n	cutter, breaking to all of dismantled ma andard trench width nore than specified	pieces not aterials up to a specified in
	Please see Item Breakup	for details.	1358720.00	AT Par	1358720.00	
8	Description:- PHED BSR 2022/4.8 Providing and laying in position cement concrete in specified grade over prepared base course complete including finishing, curing, all material, labour, machinery, lighting, guarding for road restoration work in trenches of pipe line and chamber work. Measurement for CC work to be made as per standard trench width specified in tender document and no extra payment shall be made for trench width more than specified, complete work as per technical specification and scope of work.					
	14 2475.00	Sqm 681.0	1685475.00	AT Par	1685475.00	
9	Description:- PHED BS broken aggregate as processed consolidation of binding condition by using ready in regular shape, all laborations.	per the standard spe material, cleaning of cold mix up to the sat	ecification and consort f surface of WBM a isfaction of engineer	olidation with and providing o	hand rammer spi of seal & tack coat	reading and as per site

S.No.	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit
Schedul	e B-PHED E	BSR-Estime of	RCC OHSR				49313385.00	
	Please see	Item Breakup	for details.		32697500.00	AT Par	32697500.00	
1	and stagir compound labour and covers, wa G.I. pipe ra top level, of container, surface an as per des The job ind scheme ar Mtr(start of Technical STAGING	g consisting to the inner fall material challer level indicalling around whambers for a column, bracing digiving satisfaign data, critectudes conducted other detail f RCC reserved Specification at 22 M	of excavation ace of the courges including ator (float type walk way and all valves, prong, carbonation actory hydrauting SBC tests on the reservir) and any country and any country of the course of the country of the	n in all type ntainer include g providing a pe), ventilator d top dome, poviding and a on paint on e ulic test and v y requirement, design and ervoir, providiother work re	of RCC INTZE type of RCC INTZE type of Strata, RCC of Strata, RCC of Strata, RCC of Strata of Fixed Providing of Access of the Strata of	work, cemeng off the surporters such a ghtening arrest case from 4. It is of cement pop dome, foo as per I.S. concept case if cations, so the servoirs (if requable ladder surporters) is per the direct of the servoirs.	nt plaster with warplus stuff, plinth properties ladder, manhole estor, float valve, properties of growaint to the external digrade epoxy pain adde, etc. complete in ecope of work and uired), painting the uitable to reach at hections of Engineer of T/sqm, SEISMIC	ter proofing offection, all a frame and uddle collar, und level to surfaces of ton internal in all respect GA drawing. In the firm of the neight of 4.5 in- Charge, a ZONE-II &
	Please see	Item Breakup	for details.		4388670.00	AT Par	4388670.00	

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2	Description:- PHED BSR 2021/3.7 Providing and fixing double flanged ISI marked DI Class K-9 pipes as per IS:8329-2000 (amended up to date), as vertical pipes for RCC Reservoirs including specials required such as duck foot bend, bend, tee etc. providing clamps at every 3 mtr, jointing materials such as nuts, bolt, rubber packing, hydraulic testing etc. complete in all respect up to and from valve chamber as per direction of EIC, Technical Specification and Scope of work.							
	Please see Item Breakup for details.	765875.00	AT Par	765875.00				
3	Description:- PHED BSR 2022/6.8 "Providing, low Resilient seated (soft seated) Sluice Valves (Gate body passage of approved make of following class of following specifications: Body & bonnet of Duc SG-400/12 as per IS 1865 or equivalent grade as same material as body & shall vulcanised rubber face dimensions as per BS 5163-89/ IS 14846/2 (AISI 316 or equivalent) Electrostatic epoxy powd water) coated with minimum thickness of 250 confirming to IS:1363 and IS: 1367 (Galvanised support structure as per directions of EIC, Sluice v commissioning along with pipe line as per Techr Note: Rates are exclusive of tail piece/ dismantling	e Valves), Vacuum tigs & dia complete confitile cast iron of grade per IS :3896-part2-1 lined with EPDM (food 000 (amended up to er(EP-P)/ Fusion bond isteel) Insersion rublalves including all joint ical Specifications and	ght(bubble tig irming to BS- GGG40/GGC 985 and subs- grade qualit date) /Din 32 d epoxy (Noi utside, Drille- ber of black ing & jointing d as per dire	inth), straight and pocket less EN-1171/ AWWA C-509 and G50 as per DIN 1693 or GR sequent revisions, Wedge of y) and seals of NBR Face to 202 F4, Stem/ spindle of SS n-Toxic- suitable for drinking d as per IS 1538. Nut-Bolt EPDM 6mm thick. Suitable material, labour, testing and ection of Engineer-in-charge.				
	Please see Item Breakup for details.	1914000.00	AT Par	1914000.00				
4	Description:- PHED BSR 2022/1.3 Providing, low depths DI standard specials with rubber ring (EPI 2000 or as amended up to date, such as tees, be including all material, labour, taxes, testing and coand direction of Engineer-in-charge (excluding ear	DM)/ nut bolt and inse ends, tapers, caps etc emmissioning along wit	ertion sheet a within trenc	and jointing as per IS: 9523- thes in DI pipe line complete				
	82 1430.00 Running Metre 5738.00	8205340.00	AT Par	8205340.00				
5	Description:- PHED BSR/2022/8.2 "Construction drawing, scope of work and technical specification parameter is as below: 1. Depth of foundation-90.3. Stone masonary in CM: 1:6 section of foundation-450 mm (D) 4. Superstructure work: Stone mason W-230 mm, height- 1650 mm. 5. Cement mortar thick on brick masonary in CM 1:6. 6. Expansion in Coping 75 mm thick (1:2:4) shall be provided. 8. F. 9. Cement paint of approved colour in 3 coat shall	ns complete work in a 10 mm. 2. PCC in M-10 on above PCC, 600 m lary in CM: 1:6, W-300 pointing on Stone mass oint shall be on every 3 cillar for main gate 350	all respect. B 0, width -900 Im (W)x 450 0, height-1650 sonary and ce 30 mtr. 7. On	Brief details of boundary wall mm and thickness 100 mm, mm (D) and 450 mm (W) x 0 mm,/ Brick work in CM: 1:6 ment mortar plaster 20 mm top of wall there shall be CC				
	83 11000.00 Kg 122.00		AT Par	1342000.00				
6	Description:- PHED BSR/2022/8.3 Providing and bars, flats or black pipe with hold fast and fitting co fabrication with priming coat of red oxide and two or	fixing steel, gate,grating mplete as per design	ng and grills r	nade of angles, tees, square				

	Item Code	Item Qty	Qty Unit	Unit Rate	Basic Value	Escl.(%)	Amount	Bidding Unit	
Schedule	e C-PHED BS	SR Estimate	of distributio	n mains pipe	e line		4339698.00		
	Please see Item Breakup for details.				2559700.00	AT Par	2559700.00		
1	Description:- PHED BSR 2022/1.1 "Providing, lowering, laying in trenches, aligning, fixing in position and jointing Ductile Iron (DI) ISI marked K-7 grade S&S pipes as per IS:8329-2000 (amended upto date), with interrecement mortar lining suitable for potable water with rubber ring (EPDM) joints as per IS: 5382-1985 including taxes (Central and local), transportation and freight charges, inspection charges, loading/ unloading charge including cost of labour and material, specials (Tee, bend etc.) satisfactory hydraulic testing, disinfection etcomplete as per technical specifications and direction of Engineer-in-charge. (excluding earth work) Note Providing and fixing of all requisite specials as per drawing, design and layout are inclusive in RM measureme of the item and shall not be paid separately."								
	Please see	Item Breaku	p for details		165000.00	AT Par	165000.00		
2	Description:- PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials made from sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, aligning, fixing position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, outs coating, testing and commissioning along with pipe line as per technical specifications and direction of Engine in-charge.							ing, fixing in ning, outside	
	41	924.00	cum	194.00	179256.00	AT Par	179256.00		

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3	Description:- PHED BSR 2022/4.1 "Earth wormanual means in trenches of required width and for sockets, and dressing of sides, ramming of soil, and then returning the soil as required in ladeposited layer by ramming, watering etc. and of Mtr. including required all safety provisions etc.:	d gradient for laying and pottoms, depth up to 1 ayers not exceeding 20 disposal of surplus exce	d jointing of pi 5 Mtr. includir cm in depth ir	pe line including excavation ng taking out the excavated ncluding consolidating each
	Please see Item Breakup for details.	137412.00	AT Par	137412.00
4	Description:- PHED BSR 2021/4.3 "Earth wormanual means in trenches of required width and for sockets, and dressing of sides, ramming of soil, and then returning the soil as required in ladeposited layer by ramming, watering etc. and unserviceable material as directed, with in a lead	d gradient for laying and pottoms, depth up to 1 ayers not exceeding 20 stacking serviceable ma	d jointing of pi 5 Mtr. includir cm in depth in aterial for mea	pe line including excavation ng taking out the excavated ncluding consolidating each asurements and disposal of
	Please see Item Breakup for details.	428450.00	AT Par	428450.00
5	Description:- PHED BSR 2022/6.8 Providing, lo Resilient seated (soft seated) Sluice Valves (Gabody passage of approved make of following classing of following specifications: Body & bonnet of DuSG-400/12 as per IS 1865 or equivalent grade as same material as body & shall vulcanised rubbe face dimensions as per BS 5163-89/ IS 14846/ (AISI 316 or equivalent) Electrostatic epoxy powwater) coated with minimum thickness of 250 confirming to IS:1363 and IS: 1367 (Galvanise support structure as per directions of EIC, Sluid and commissioning along with pipe line as per charge. Note: Rates are exclusive of tail piece Resilient Seated Sluice Valves of Class PN 1.6	te Valves), Vacuum tiguss & dia complete conflictile cast iron of grade as per IS:3896-part2-1 r lined with EPDM (food 2000 (amended up to rder(EP-P)/ Fusion bond microns inside and oled steel) Insersion rubbe valves including all jur Technical Specification	ght(bubble tightiming to BS-E GGG40/GGG 985 and substituted an	nt), straight and pocket less EN-1171/ AWWA C-509 and 150 as per DIN 1693 or GR equent revisions, Wedge of 1) and seals of NBR Face to 102 F4, Stem/ spindle of SS-Toxic- suitable for drinking I as per IS 1538. Nut-Bolt EPDM 6mm thick. Suitable ing material, labour, testing er direction of Engineer-in-
	Please see Item Breakup for details.	111540.00	AT Par	111540.00
6	Description:- PHED BSR 2022/4.6 Dismantling means using pneumatic tools, breaking to pi designated locations and disposal of dismantl dismantled trench to be made as per standard to shall be made for trench width more than specification and scope of work.	eces not exceeding 0 ed materials up to a rench width specified ir	.02 cum in v lead of 1000 n tender docur	olume and stock piling at meters. Measurement for ment and no extra payment
	45 110.00 cum 718.00	78980.00	AT Par	78980.00
7	Description:- PHED BSR 2022/4.5 Dismantling mechanical means using pneumatic tools, cut exceeding 0.02 cum in volume and stock piling to a lead of 1000 meters. Measurement for dism in tender document and no extra payment sha handling of material/earth to complete the tasks	ting the peripheral edg at designated locations nantled trench to be ma till be made be made f	ge by CC cutt and disposal de as per star or trench wid	ter, breaking to pieces not of dismantled materials up andard trench width specified th more than specified, re-
	Please see Item Breakup for details.	679360.00	AT Par	679360.00
8	Description:- PHED BSR 2022/4.8 Providing a prepared base course complete including finish road restoration work in trenches of pipe line ar standard trench width specified in tender docum than specified, complete work as per technical specified.	ing, curing, all material nd chamber work. Meas nent and no extra payn	, labour, mach surement for (nent shall be r	ninery, lighting, guarding for CC work to be made as per

3. ITEM BREAKUP

Schedule	Schedule	e A-PHED BSR-Estimate of rising mains pipe line				
Item- 1	(DI) ISI r lining sui and loca labour a technica all requis	SR 2022/1.1 Providing, lowering, laying in trenches, aligning narked K-7 grade S&S pipes as per IS:8329-2000 (amende table for potable water with rubber ring (EPDM) joints as pell), transportation and freight charges, inspection charges, and material, specials (Tee, bend etc.) satisfactory hydraulical specifications and direction of Engineer-in-charge. (excluding specials as per drawing, design and layout are inclusive aid separately.	ed upto da er IS: 538; oading/ ur testing, d ling earth	te), with into 2-1985 inclu- nloading cha- lisinfection of work) Note	ernal ceme uding all ta arges, inclu etc. comple : Providing	ent mortar xes (Central uding cost of ete as per and fixing of
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount

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Tender No: All-EN-OHSR-MD-IQG-22-193 Closing Date/Time: 24/09/2022 12:00

1	1.1.2	100 MM	Running Metre	2200.00	1647.00	3623400.00
					Total	3623400.00
Item- 2	relevant depths ir	SR 2022/1.11 Providing and fixing of flanged/ plain ended IS specification of approved thickness by welding, lowering a trenches complete including all taxes, material, labour, in sioning along with pipe line as per technical specifications a	g, laying, a side lining,	ligning, fixin outside coa	g in positio ating, testir	n at all level/ ng and
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	1.11.1	MS pipe specials upto 600 mm dia (with minimum 5.0 mm thickness sheet)	Kg	2200.00	150.00	330000.00
					Total	330000.00
Item- 4	width and ramming required watering	ork in excavation by mechanical means (Hydraulic Excavated gradient for laying and jointing of pipe line including excapt of bottoms, depth up to 1.5 Mtr. including taking out the ein layers not exceeding 20cm in depth including consolidatetc. and stacking serviceable material for measurements with in a lead of 50 Mtr. including all safety provisions req	excavated s ting each c and dispos	sockets, and the deposited la	d dressing n returning yer by ram	of sides, the soil as ming,
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	4.3.1	In ordinary rocks	cum	1100.00	347.00	381700.00
					Total	381700.00
		is per IS 1865 or equivalent grade as per IS :3896-part2-1 aterial as body & shall vulcanised rubber lined with EPDM (
Item- 5	same ma face dim (AISI 316 water) co confirmir support s and com charge. I	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up 5 or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and ong to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at	(food grade) to date) /D bond epox utside, Dril ober of blade ill jointing 8 ions and a	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6r a jointing ma s per direct	nd seals of Stem/ spir kic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engii	NBR Face to ndle of SS e for drinking at-Bolt Suitable our, testing neer-in-
	same ma face dim (AISI 316 water) co confirmir support s and com charge. I Resilient	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up of or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and of the properties of 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6	(food grade to date) /D bond epox utside, Dril bber of bla ill jointing & ions and a nd earth w	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6r i jointing ma s per direct ork. 6.8.1-M	nd seals of Stem/ spir xic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engli Manually Op	NBR Face to ndle of SS e for drinking at-Bolt Suitable bur, testing neer-in- perated
S No.	same ma face dim (AISI 316 water) co confirmir support s and com charge. I Resilient	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and ong to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item	(food grade to date) /D bond epox utside, Dril obber of bla Ill jointing 8 ions and a nd earth w	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6r is jointing ma s per direct ork. 6.8.1-N	nd seals of Stem/ spir kic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engin Manually Op	NBR Face to adde of SS of for drinking at-Bolt Suitable our, testing neer-in-perated
	same ma face dim (AISI 316 water) co confirmir support s and com charge. I Resilient	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up of or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and of the properties of 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6	(food grade to date) /D bond epox utside, Dril bber of bla ill jointing & ions and a nd earth w	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6r a jointing ma s per direct ork. 6.8.1-M	nd seals of Stem/ spir xic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engli Manually Op	NBR Face to adde of SS of for drinking at-Bolt Suitable our, testing neer-in-perated Amount 246400.00
	same may face dim (AISI 316 water) co confirmir support sand com charge. I Resilient Item No 6.8.1.2	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up of or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and ong to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item 100 MM SR 2022/4.6 Dismantling of flexible pavement for pipe line tic tools, breaking to pieces not exceeding 0.02 cum in voluosal of dismantled materials up to a lead of 1000 meters. It is per standard trench width specified in tender document a pre than specified, re-handling of material/earth to complete	(food grade to date) /D bond epox utside, Dril ober of blade in the bond entry of blade in the bond entry of blade in the bond entry of th	e quality) ar in 3202 F4, y (Non-To) led as per I ck EPDM 6r is jointing ma is per direct ork. 6.8.1-N Qty 22.00 Ders by med ock piling a ent for dism a payment s	nd seals of Stem/ spir xic- suitable S 1538. Nu mm thick. S aterial, labor ion of Engin fanually Op Rate 11200.00 Total Chanical me t designate cantled tren shall be ma	NBR Face to odle of SS of for drinking at-Bolt Suitable our, testing neer-in-perated Amount 246400.00 eans using ad locations ach to be de for trench
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S No.	same ma face dim (AISI 316 water) co confirmir support s and com charge. I Resilient Item No 6.8.1.2 PHED BS pneumat and disp made as width mo scope of Item No 4.6.1	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up of or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion of the properties of 250 microns inside and of the properties of 250 microns inside and of the properties of 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item 100 MM SR 2022/4.6 Dismantling of flexible pavement for pipe line tic tools, breaking to pieces not exceeding 0.02 cum in voluces of dismantled materials up to a lead of 1000 meters. If the per standard trench width specified in tender document a pre than specified, re-handling of material/earth to complet work. Description of Item Bituminous courses	(food grade to date) /D bond epox utside, Drill ber of blauding the ber of blauding to the ber of ber of blauding to the ber of be	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6r is jointing ma s per direct ork. 6.8.1-M Qty 22.00 Deers by med ock piling a ent for dism a payment s is per technic Qty 220.00	nd seals of Stem/ spir xic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engin fanually Op Rate 11200.00 Total chanical me t designate iantled tren shall be ma cal specifica Rate 395.00	NBR Face to adle of SS of for drinking at-Bolt Suitable bur, testing neer-in-perated Amount 246400.00 eans using ad locations and to be defor trenchation and Amount 86900.00 61820.00
S No. 1	same may face dim (AISI 316 water) co confirmir support sand com charge. I Resilient Item No 6.8.1.2 PHED BS pneumatand disp made as width moscope of Item No 4.6.1 4.6.2 PHED BS course c work in the width specific sand the specific sand the sa	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up of or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion of the properties of 250 microns inside and of the properties of 250 microns inside and of the properties of 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item 100 MM SR 2022/4.6 Dismantling of flexible pavement for pipe line tic tools, breaking to pieces not exceeding 0.02 cum in voluces of dismantled materials up to a lead of 1000 meters. If the per standard trench width specified in tender document a pre than specified, re-handling of material/earth to complet work. Description of Item Bituminous courses	(food grade to date) /D bond epox utside, Dril ober of bla ill jointing 8 ions and a nd earth where the tasks ume and st Weasurement on extrate the tasks ume cum	e quality) ar in 3202 F4, y (Non-Toy led as per I ck EPDM 6r is jointing may be per served by more served by m	nd seals of Stem/ spir sic- suitable S 1538. Nu mm thick. S aterial, labor ion of Engin fanually Op Rate 11200.00 Total chanical me t designate rantled tren shall be ma cal specificat Rate 395.00 281.00 Total over preparating for roa as per stand	NBR Face to odle of SS of for drinking at Bolt Suitable our, testing neer-in-perated Amount 246400.00 246400.00 eans using ad locations and location and Amount 86900.00 61820.00 148720.00 ared base ad restoration dard trench
S No. 1 S No.	same may face dim (AISI 316 water) co confirmir support sand com charge. I Resilient Item No 6.8.1.2 PHED BS pneumatand disp made as width moscope of Item No 4.6.1 4.6.2 PHED BS course c work in the width specific sand the specific sand the sa	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up 5 or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and on the patential of the provided with minimum thickness of 250 microns inside and on the patential of the provided and the provided with minimum thickness of 250 microns inside and one to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubber tructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item 100 MM SR 2022/4.6 Dismantling of flexible pavement for pipe line tic tools, breaking to pieces not exceeding 0.02 cum in volutional of dismantled materials up to a lead of 1000 meters. It is per standard trench width specified in tender document at present the provided provided in the provided provided in the provided pro	(food grade to date) /D bond epox utside, Dril ober of bla ill jointing 8 ions and a nd earth where the tasks ume and st Weasurement on extrate the tasks ume cum	e quality) ar in 3202 F4, y (Non-Toy led as per I ck EPDM 6r is jointing may be per served by more served by m	nd seals of Stem/ spir sic- suitable S 1538. Nu mm thick. S aterial, labor ion of Engin fanually Op Rate 11200.00 Total chanical me t designate rantled tren shall be ma cal specificat Rate 395.00 281.00 Total over preparating for roa as per stand	NBR Face to odle of SS of for drinking at Bolt Suitable our, testing neer-in-perated Amount 246400.00 246400.00 eans using ad locations and location and Amount 86900.00 61820.00 148720.00 ared base ad restoration dard trench
S No. 1 Item- 6 S No. 1 2	same ma face dim (AISI 316 water) co confirmir support sand com charge. I Resilient Item No 6.8.1.2 PHED BS pneumat and disp made as width moscope of Item No 4.6.1 4.6.2 PHED BS course cowork in the width specomplete	aterial as body & shall vulcanised rubber lined with EPDM (ensions as per BS 5163-89/ IS 14846/2000 (amended up 5 or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion pated with minimum thickness of 250 microns inside and on the patential of the patential structure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specificat Note: Rates are exclusive of tail piece/ dismantling joints at Seated Sluice Valves of Class PN 1.6 Description of Item 100 MM SR 2022/4.6 Dismantling of flexible pavement for pipe line tic tools, breaking to pieces not exceeding 0.02 cum in volucing a service of dismantled materials up to a lead of 1000 meters. It is per standard trench width specified in tender document as per than specified, re-handling of material/earth to complet work. Description of Item Bituminous courses Granular courses Granular courses SR 2022/4.8 Providing and laying in position cement concromplete including finishing, curing, all material, labour, materials in tender document and no extra payment shall be a work as per technical specification and scope of work.	(food grade to date) /D bond epox utside, Dril ober of blauding sions and a not earth with the last of	e quality) are in 3202 F4, y (Non-Tox led as per I ck EPDM 6r is jointing mass per direct ork. 6.8.1-M Qty 22.00 Deers by medock pilling a ent for dismana payment signer technical per technical	nd seals of Stem/ spir sic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engin fanually Op Rate 11200.00 Total chanical me t designate antled tren shall be ma cal specifica Rate 395.00 281.00 Total over prepa	NBR Face to ordice of SS or for drinking at-Bolt Suitable our, testing neer-in-perated Amount 246400.00 246400.00 ans using ad locations and Amount 86900.00 61820.00 148720.00 ared base ad restoration dard trench specified,

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Item- 1	consistin inner fac material level indi around v chamber column, and givir design d job includ scheme Mtr(start	SR 2022/3.2 Construction of RCC INTZE type Head Services of excavation in all types of strata, RCC work, cement place of the container including refilling disposing off the surplucharges including providing and fixing of accessories such cator (float type), ventilator with SS screen, lightening arrewalk way and top dome, providing RCC staircase from 4.5 is for all valves, providing and applying three coats of cemeloracing, carbonation paint on external surface of top domeing satisfactory hydraulic test and water tightness test as perata, criteria, obligatory requirements and detailed specificates conducting SBC test, design and proof check of reservand other details on the reservoir, providing alluminium por RCC reservoir) and any other work related to structure at Specification and Scope of Work 1.3.2.4 Rates for RCC CG 22 M	aster with us stuff, pl as ladder stor, float mtr height tent paint to p, food grant I.S. code tions, scooirs (if recrtable ladd as per the	water proofi inth protection, manhole if valve, pudd of ground less of the externation and epoxy page, etc. comp pe of work a quired), paint der suitable ed directions of	ng compoing, all laboration, all laboration, all laboration, General surfaces aint on intellete in all round GA draing the nare to reach at fenginee	und to the our and covers, water .l. pipe railing level, of container, rnal surface espect as per wing. The me of the theight of 4.5 r-in- Charge,
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3.2.4.1	100KL	Litre	800000.00	28.48	22784000.00
2	3.2.19.8	150 KL capacity	Litre	450000.00	22.03	9913500.00
		•	1	1		32697500.00
Item- 2	(amende bend, tee testing e and Sco	SR 2021/3.7 Providing and fixing double flanged ISI marked up to date), as vertical pipes for RCC Reservoirs including etc. providing clamps at every 3 mtr, jointing materials subtocomplete in all respect up to and from valve chamber and one of work.	ng special ich as nut s per direc	s required s s, bolt, rubbe ction of EIC,	uch as duc er packing, Technical	k foot bend, hydraulic Specification
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	3.7.1	100 mm	Metre	330.00		826650.00
2	3.7.2	150 mm	Metre	990.00	3598.00 Total	3562020.00 4388670.00
Item- 3	following 400/12 a same ma face dim (AISI 316 water) co confirmir support s and com	of approved make of following class & dia complete confiring specifications: Body & bonnet of Ductile cast iron of grade as per IS 1865 or equivalent grade as per IS :3896-part2-19 atterial as body & shall vulcanised rubber lined with EPDM (bensions as per BS 5163-89/ IS 14846/2000 (amended up to be considered with minimum thickness of 250 microns inside and or long to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specification Note: Rates are exclusive of tail piece/ dismantling joints are	GGG40/0 985 and s food grad to date) /E bond epo: utside, Dri ober of bla il jointing a ions and a	GGG50 as pubsequent re quality) are pin 3202 F4, xy (Non-Toxalled as per lack EPDM 60 & jointing mass per direct	er DIN 169 evisions, V nd seals of Stem/ spir kic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engi	o3 or GR SG- Vedge of NBR Face to ndle of SS e for drinking ut-Bolt Suitable our, testing neer-in-
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1	6.8.1.2	100 mm dia	Each		11200.00	123200.00
2	6.8.1.4	150 mm dia	Each		19475.00	642675.00
				1	Total	765875.00
PHED BSR 2022/1.3 Providing, lowering, laying, aligning, fixing in position and jointing at all level/ depths DI standard specials with rubber ring (EPDM)/ nut bolt and insertion sheet and jointing as per IS: 9523-2000 or as amended up to date, such as tees, bends, tapers, caps etc. within trenches in DI pipe line complete including all material, labour, taxes, testing and commissioning along with pipe line as per technical specifications and direction of Engineer-in-charge (excluding earth work).						
	amended material, direction	d up to date, such as tees, bends, tapers, caps etc. within tabour, taxes, testing and commissioning along with pipe of Engineer-in-charge (excluding earth work).	trenches i	technical s	e complete pecification	-2000 or as including all is and
Item- 4	amended material, direction Item No	d up to date, such as tees, bends, tapers, caps etc. within to labour, taxes, testing and commissioning along with pipe of Engineer-in-charge (excluding earth work). Description of Item	trenches in line as per	technical s	e complete pecification	-2000 or as including all as and
	amended material, direction Item No	d up to date, such as tees, bends, tapers, caps etc. within tabour, taxes, testing and commissioning along with pipe of Engineer-in-charge (excluding earth work).	trenches i	technical s	e complete pecification Rate 174.00	-2000 or as including all is and
S No.	amended material, direction Item No 1.3.4.2	d up to date, such as tees, bends, tapers, caps etc. within to labour, taxes, testing and commissioning along with pipe of Engineer-in-charge (excluding earth work). Description of Item	trenches in line as per	technical s	e complete pecification	-2000 or as including all as and

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	1.1.3	150 mm	Running Metre	1100.00	2327.00	2559700.00		
			1		Total	2559700.00		
Item- 2	PHED BSR 2022/1.11 Providing and fixing of flanged/ plain ended MS Specials made from MS sheet strips of relevant IS specification of approved thickness by welding, lowering, laying, aligning, fixing in position at all level/ depths in trenches complete including all taxes, material, labour, inside lining, outside coating, testing and commissioning along with pipe line as per technical specifications and direction of Engineer-in-charge.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	1.11.1	MS pipe specials upto 600 mm dia (with minimum 5.0 mm thickness sheet)	Kg	1100.00	150.00	165000.00		
					Total	165000.00		
Item- 4	trenches dressing returning by ramm	SR 2021/4.3 "Earth work in excavation by mechanical mean of required width and gradient for laying and jointing of pip of sides, ramming of bottoms, depth up to 1.5 Mtr. including the soil as required in layers not exceeding 20cm in depthing, watering etc. and stacking serviceable material for meas directed, with in a lead of 50 Mtr. including all safety process.	pe line incl ng taking on including asuremen	uding excavout the exca consolidation ts and dispo	vation for s vated soil, ng each de	ockets, and and then posited layer		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	4.3.1	In ordinary rocks	cum	396.00	347.00	137412.00		
		•			Total	137412.00		
Item- 5	same ma face dime (AISI 316 water) co confirmin support s and com charge. I	s per IS 1865 or equivalent grade as per IS :3896-part2-19 aterial as body & shall vulcanised rubber lined with EPDM (sensions as per BS 5163-89/ IS 14846/2000 (amended up to 5 or equivalent) Electrostatic epoxy powder(EP-P)/ Fusion (seated with minimum thickness of 250 microns inside and or ag to IS:1363 and IS: 1367 (Galvanised steel) Insersion rubstructure as per directions of EIC, Sluice valves including a missioning along with pipe line as per Technical Specification Note: Rates are exclusive of tail piece/ dismantling joints are Seated Sluice Valves of Class PN 1.6	food grade to date) /D bond epox utside, Dril ober of bla- il jointing & ions and a	e quality) ar in 3202 F4, y (Non-Tox led as per I ck EPDM 6i a jointing ma s per direct	nd seals of Stem/ spir xic- suitable S 1538. Nu mm thick. S aterial, labo ion of Engi	NBR Face to ndle of SS e for drinking ut-Bolt Suitable our, testing neer-in-		
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1		150 MM			19475.00	428450.00		
•	0.0.1.4	100 IVIIVI	Numbers	22.00				
Item- 6	PHED BSR 2022/4.6 Dismantling of flexible pavement for pipe line and chambers by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials up to a lead of 1000 meters. Measurement for dismantled trench to be made as per standard trench width specified in tender document and no extra payment shall be made for trench width more than specified, re-handling of material/earth to complete the tasks per technical specification and scope of work.							
S No.	Item No	Description of Item	Unit	Qty	Rate	Amount		
1	4.6.1	Bituminous courses	cum	165.00	395.00	65175.00		
2	4.6.2	Granular courses	cum	165.00	281.00	46365.00		
					Total	111540.00		
Item- 8	course co work in to	SR 2022/4.8 Providing and laying in position cement concrepended including finishing, curing, all material, labour, materials of pipe line and chamber work. Measurement for the confidence of the power deather than the confidence of the confidence	chinery, lig CC work to	hting, guar be made a	ding for roa as per stan	ad restoration dard trench		

width specified in tender document and no extra payment shall be made for trench width more than specified,

complete work as per technical specification and scope of work.

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S No.	Item No	Description of Item	Unit	Qty	Rate	Amount
1		"M20 grade Nominal Mix 1: 1.5: 3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20mm nominal size)."	cum	110.00	6176.00	679360.00
					Total	679360.00

4. ELIGIBILITY CONDITIONS

Special Technical Criteria

S.No	Description	Confirmation Required		Documents Uploading
1	Technical Eligibility Criteria The tenderer must have successfully or substantially* completed any of the following during last 07 (seven) years, ending last day of month previous to the one in which tender is invited: Three similar works, each costing not less than the amount equal to 30% of advertised value of the tender, OR Two similar works, each costing not less than the amount equal to 40% of advertised value of the tender, OR One similar work, each costing not less than the amount equal to 60% of advertised value of the tender. Note: The similar nature of work is defined is "Construction of RCC Over Head tank" *To be read along with 15.8	No	INO	Allowed (Mandatory)

Special Financial Criteria

S.No.	Description	Confirmation Required		Documents Uploading
1	Financial Eligibility Criteria: The tenderer must have minimum average annual contractual turnover of V/N or 'V' whichever is less; where V= Advertised value of the tender in crores of Rupees N= Number of years prescribed for completion of work for which bids have been invited. The average annual contractual turnover shall be calculated as an average of "total contractual payments" in the previous three financial years, as per the audited balance sheet. However, in case balance sheet of the previous year is yet to be prepared/ audited, the audited balance sheet of the fourth previous year shall be considered for calculating average annual contractual turnover. The tenderers shall submit requisite information as per Annexure-E (Mandatory), along with copies of Audited Balance Sheets duly certified by the Chartered Accountant/ Certificate from Chartered Accountant duly supported by Audited Balance Sheet. Note: Client certificate from other than Govt Organization should be duly supported by Form 16A/26AS generated through TRACES of Income Tax Department of India. As per Clause No. 10.2 of Tender Form (second Sheet) of Annex. I of Part-I of GCC APRIL-2022, with up to date correction slip.	No	No	Allowed (Mandatory)

5. COMPLIANCE

Check Lst

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Commercial-Compliance

S.No.	·	Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	Nο	Allowed (Mandatory)
2	Please enter the percentage of local content in the material being offered. Please enter 0 for fully imported items, and 100 for fully indigenous items. The definition and calculation of local content shall be in accordance with the Make in India policy as incorporated in the tender conditions.		Vac	Allowed (Optional)

General Instructions

S.No.	in the second se	Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Special Conditions

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S.No		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

Technical-Compliances

S.No.	· ·	Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	Nο	Allowed (Mandatory)

Undertakings

S.No.		Confirmation Required		Documents Uploading
1	As per mentioned in Tender Document.	No	No	Not Allowed

6. Documents attached with tender

S.No.	Document Name	Document Description
1	OHSRtender.pdf	Tender Document

This tender complies with Public Procurement Policy (Make in India) Order 2017, dated 15/06/2017, issued by Department of Industrial Promotion and Policy, Ministry of Commerce, circulated vide Railway Board letter no. 2015/RS(G)/779/5 dated 03/08/2017 and 27/12/2017 and amendments/ revisions thereof.

As a Tender Inviting Authority, the undersigned has ensured that the issue of this tender does not violate provisions of GFR regarding procurement through GeM.

Signed By: VIPIN PARIHAR

Designation: DYPMHQ

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