





DBO Company Name Address		M/s EMS Infracon Pvt. Ltd SEMP				
		M/s EMS Infracon Pvt. Ltd M/s EMS Infracon Pvt. Ltd C-88, RDC, Raj Nagar, Ghaziabad, Uttar Pradesh, India - 201002				
						Document Title
Client Name		Uttarakhand U	rban Sector Dev	elopment Agency		
Package no.		WW-DDN-01				
Project Name		Development of Sewerage and Storm Water Drainage System With 05 Year, Operation & Maintenance at THDC & Yamuna Colony, at Dehradun in Uttarakhand				
Commencement	date		*			
Rev 00			Date			
	Departmen	nt / Designation	Name	Signature		
Prepared by	Safety/EH	S Officer	Mr. Aqueel Ma	anzar A		
Reviewed by QA/QC Site		e Engineer	Mr. Pranav Ra	istogi Prense VIII		
Accepted by (PMC) Approved by Client (UUSDA)		afigured	Dr. Swalh	arshi Granghi		







Project Marager PIU, UUSDA Dehradun

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Addf. Program Director (Technical) UUSDA







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Site Environmental Management Plan (SEMP)

Package UIRUDP: WW-DDN-01	UIRUDP	PIU- DEHRADUN		
Package Title	Sewerage and Storm Water Drainage System Development in Tehri Hydro Development Corporation and Yamuna Colonies			
Contractor	M/s EMS Infracon Pvt.	Ltd		
Date of Contract Award	01.12.2021			
Date of works commencement	01.12.2021			
Contract period	Construction: 30 months; O&M: 60 months			
Project Towns	Dehradun			
Project Description	System With 05 Year,	age and Storm Water Drainage Operation & Maintenance at THDC & adun in Uttarakhand.		
Project Components	Yamuna Colony, Dehra As per the project de	tailed design		

S.No.	Position	Name Of Person	Remark
1.	Project manager	Mr. Bharat Ramola	Mobilized
2:	Construction Manager/ senior Engineer	Mr. Gaurav Lamba	Mobilized
3.	Site/QA-QC Engineer	i) Mr. Pranav Rastogi ii) Mr. Durvesh Kumar	Mobilized
			Mobilized
4.	Hydraulic Engineer	Mr. Sumit Chauhan	Mobilized
5.	Safety/EHS officer	Mr. Aqueel Manzar	Mobilized
6	EHS Supervisor	Mr. Yunus Ali	Mobilized
7.	Trenchless Technology Expert	Mr. Sadique Chauhan	To be Mobilized
8.	Social and Gender officer	Mr. Shailendra Bhatt	JE-PIU(Mobilized)

Summary

The aim of this is to address any environmental impacts caused during different construction phases of this project.

Key features of project

The sewerage & storm water drainage system subprojects are primarily designed to improve environmental quality and living conditions of people residing in THDC and Yamuna colony areas within the Dehradun Nagar Nigam.

public health particularly reduction in waterborne and infectious diseases due to improved







sewerage and drainage systems in project areas;

- reduced risk of groundwater contamination through appropriate sewer collection and treatment;
- reduced risk of contamination of treated water supplies;
- improvement in quality of water bodies due to disposal of treated effluent meeting disposal standards;
- newly constructed drainage systems will cater not only runoff from roads but also the runoff of complete catchment area, which is causing flooding and overflow in the current scenario;
- discharge capacity of the drains shall be increased to accommodate the storm water flow during rains. This will significantly reduce the incidence of flooding and water logging in the subproject area and hence reduce health risks to the citizens and access problems during rains
- improve the visual quality and landscape character of the area.

SEWERAGE

Conduit Description	Material	Length (All Materials) (m)
225 mm to 350 mm	HDPE	4490-meters.
350 mm to 1000mm	DI	30.51 meters

Table1: Preconstruction Phase Environmental Management

Anticipated Impact	Mitigation Measures	Status o Compliance Yes/No
	Pre-construction phase	
Unsatisfactory compliance to EMP	Environmental Health and Safety (EHS) Supervisor will be mobilized to carryout environmental safeguard tasks	Yes
	Updated IEE/ site specific EMP will be submitted	Yes
Utilities on sites (electric telephone lines, water Pipes etc.)	Location of utilities and respective operators will be identified and measures to avoid damage/disruption will be implemented	
	Contingency plan will be prepared and implemented in case of service disruption	Yes
Minimization/avoidance o tree cutting	There are no eco-sensitive or protected areas within or close to proposed project activity areas. No wildlife is also reported in the project town. During drainage networks and sewer pipe laying works tree cutting is not envisaged as per design.	388
Construction materials	 Construction materials will be obtained only from government approved quarries attached in 	







	SEMP Annexure 1** All clearance/ license copies of quarries/borrow areas will be provided to PIU for prior approval	Yes
	 A monthly report will be submitted to PIU on construction material quantity (sources-wise). 	165
Approvals/permission, insurances, licenses etc. for construction	All necessary permissions will be obtained prior to start of works.	Yes
Work	 Copies of all permission/ approvals will be submitted to PIU prior to start of work. Letter written to PIU for road cutting permission (attached in SEMP Annexure 1**). 	100
Training to staff & workers	 Staff and key workers will be trained (in construction methods, safety, EMP, EHS policy) prior to start of work (attached in SEMP Annexure 2**). 	Yes
Guidelines to be followed forest abolishing construction camps/labor camps	 Camp sites shall be away from residential areas (100m), sensitive areas (schools, hospitals, etc.250m,), water bodies(500m) and forests (more than 1 km). Use unused, vacant lands; no trees shall be cut. Provide a proper fencing/compound wall. Prepare a site layout plan & display at the site, uniformly label (name boards) all the places in the facility. Entire facility area shall be provided with hard leveled surface as appropriate; no loose soil, slush, water logging etc. construction camps shall be provided with standard materials; no shacks or huts. Adequate lighting and ventilation. Provide drinking water, water for other uses, and sanitation facilities; drinking water will be regularly tested. Provide clear pathways for safe movement. Provide cooking fuel (cooking gas), and a separate safe place to cook; fire wood not allowed. Construct septic tanks and soak pit arrangement for waste water disposal. Solid waste shall be properly manager provide separate bins, compost biodegradable waste; sell recyclable waste. Campsites shall be cleared and restored to original after completion of work, all debris, wreckage cleared. All these parameters are attached in SEMP Annexure 3** 	Yes
Work site management	Conducting base line environmental monitoring attached in SEMP Annexure 5** Provide a proper barricading at site. Ensure ROW for public Ensure accessibility to work place and household to public by providing wooden planks etc. Avoiding noise pollution during construction	Yes







	work.	
Worker amenities at all worksites	We have established labour camp having sanitary and water supply facilities as per IFC guidelines suggested in IEE.	Yes

Table2: Construction Phase Environmental Management Plan

Anticipated Impact	Mitigation Measures		
Dust Control	Excess excavated material will be removed from site at earliest to our dumping site Water will be sprinkled over excavated roads periodically to avoid dust After leaving backfilled trench for 4-5 weeks WBM will be laid to full road width		
Barricading of pipeline works	 Construction area will be barricaded on both sides using hard barricades of 2m height wherever necessary along with other means like MS pipe (class B) as vertical post having 1.5 m height above road level and 2 rows of 40 mm dia pipe as horizontal member) Site clearance, road cutting and excavation work will be commenced only after barricading the site Works and all associated activities (material, soil, debris, equipment, machinery) will be confined to barricaded area Excavated soil storage will be removed from the site immediately & stored/disposed at identified site Work will be under taken section wise (100-200m) at various places; these sections will be demarcated and barricaded and trench filled Work will be conducted work sequentially - excavation, pipe laying, backfilling, testing section-wise (for a minimum length as possible) so that backfilling, stabilization of soil can be done Excavated soil will be removed section-wise, and used for filling the previous section, this is to avoid stocking of excavated soil 		









Noise control	 Noisy works will be avoided in the night Proper noise control apparatus (silencers, mufflers etc.) will be ensured for construction equipment. Maximum sound level of 75dBA at a distance of 10m from source will been ensured Before under taking work with heavy noise/vibration, surrounding area/buildings will be Surveyed to identify any old/sensitive buildings at risk, and necessary precautions will be taken to avoid any risk Drivers will be trained to avoid usage of horns unnecessarily Noisy works will not be conducted near sensitive places (hospitals, schools etc.) and at sensitive times (festivals etc.); works will be scheduled accordingly
Vehicle emissions	 All the construction equipment, machinery will be fitted with pollution control devises Pollution under control (PUC) certificate will be obtained for all vehicles, equipment, and records maintained (attached in Annexure 1**).
Water pollution /works in rainy season	 No deep earth work will be conducted during rainy season Stock piles of earth will be covered by tarpaulins or plastic sheets Excess soils, debris and materials will be reused in the construction works Disposal sites will be selected prior to start of construction following the EMP guidelines Temporary silt traps or sedimentation basins will be provided to control water pollution Storage areas for fuels and lubricants will be located away drainage lines &water bodies Fuels, construction chemicals etc. will be stored on an impervious floor, and carefully handled to avoid spillage; spill collection arrangement will be provided Wastes generated by construction activities will be disposed only in designated sites Surface water quality monitoring will be conducted as per the EMP Temporary drains or bunds will be created around the periphery of work area to avoid flooding, and entry of runoff









Anticipated Impact	Mitigation Measures				
	 Pipeline work implementation plan will be prepared for each road works will not be conducted in all roads at once in a locality alternative roads for traffic movement will be ensured 				
*	 Traffic management plan will be prepared in consultation with traffic police for each road, and displayed on site; Two – Three days prior notice will be provided 				
Traffic management /access	 Temporary diversions will be provided as required, with prior public information 				
during pipe line works	 Work area will be properly defined, barricaded; minimum strip of land will be used 				
	 Material/waste/soil will not be stocked obstructing the traffic pedestrian etc. 				
	 Trench width will be minimized as much as possible adopting bes construction methods with proper shoring/bracing 				
	Work site will be kept free from all unnecessary obstructions				
	 Public information boards, sing boards, caution boards will be provided along with contact numbers 				
	 Prior to start of pipeline work, information will be provided to the public through paper pamphlets and door to door consultation. 				
	In SEMP Annexure 6**				
Access to houses/ business	 Gaps/wooden or metal planks will be provided on excavated trenches for access 				
during pipe line works	 Access to any house, business or property will not be blocked completely, at least safe pedestrian access will be maintained 				
	 Local/ affected people/business will be informed 1-week in advance about the work and access restrictions 				
	Material haulage vehicles will use main/wide roads as far as possible				
Material transport using heavy trucks	 Transportation / hauling activities will be conducted during non-peak hours (indicate time: from 22:00hrs to 06:00hrs) 				
	 Proper entry and exits to facilities will be provided facilities at low traffic places 				
	 Drivers will be trained to drive vehicles in a considerate manner and following all traffic rules 				
Construction waste / debris disposal	 Temporary storage of construction waste and debris will be done at site godowns in THDC & YC which will then be shifted to Shisambada 				
Local employment	 Local labors will be employed as far as possible. 				
	Environment, Health and Safety (EHS) Policy/plan will be implemented as follows				
	 Site will be prepared and maintained to create safe working conditions; workers will be provided with safe work areas, elevated platforms, steps, ladders, welkways /access to work areas and amenities 				
EHS at Work Site	 Deep excavations (more than 1.5m) will be properly protected to avoid collapse (safety measures such as/shoring /safe slopes) 				
	 Hard barricading of MS will be provided around deep trenches/ pits of more than1.5m deep, Flagman, signage's and boards will be placed at work sites. 				
	All necessary precautions will be taken to avoid collapse of				







_						
	trench/pit:	and	damage	10	surrounding	structures
	The Court of the C		Contract of the last	-	Contract to the second of the	and the state of the state of the state of

- Proper personnel protection equipment and Covid safety gears will be provided to all workers / staff; and its use will be ensured
- Proper audible back –up alarms will be ensured for all moving equipment/machinery
- All installations will be properly secured; hazardous locations will be properly marked
- All worksites will be properly secured, barricaded to avoid unauthorized public/traffic entry
- Provide road signs and flagman to regulate traffic / pedestrians road users, of on-going trenching activities
- Provide safety sign, caution, information boards on site for workers and staff awareness, follow up
- · Health and safety orientation training will be provided to all workers
- First aid, and staff with training in first aid will be made available at all sites
- · Site safety orientation will be provided to all visitors to the site
- Drinking water, sanitation, washing and resting facilities will be provided at all sites; separate sanitation facilities for women
- Emergency procedures and contact information will be provided on all sites details in SEMP Annexure 7**
- Accidents will be promptly registered and reported; register will be maintained at every work site
- Public complaint box and complaint register will be provided at every worksite detailed in SEMP Annexure 8**









Table 3: Post Construction Phase Environment

Management Plan

Anticipated Impact	Mitigation Measures
	 Excess soil/debris will be utilized in construction/useful purposes to avoid disposal
	 Excess soils/debris will be removed from site on regular basis to avoid stockpilling at site
	 Disposal site will be identified prior to start of work following EMF guidelines in Annexure 09*
Construction waste / debris disposal	 Domestic waste generated at camp sites will be properly segregated biodegradable waste composted in impervious spit at site; recyclable waste will be sold in market in Annexure 10**
	 Residual and hazardous wastes such as oils, fuels, and lubricants will be disposed via licensed agencies by PCB
	Burning of waste will not be allowed.
	 Sites will be managed neatly; waste collection bins will be provided awareness will be created among workers, staff in site cleanliness.
	 All camp/ worksites will be restored to original condition after the completion of work
	All spoils wreckage, rubbish, or temporary structures (such as latrines will be removed.)
	All excavated roads will be reinstated to original condition
	All disrupted utilities will be restored
Post construction cleanup	Any spillage of substances like oils, paints etc. will be cleaned up
	 All hardened surfaces in work /camp areas will be ripped, all materials removed, and top soiled
	 Restoration to original will be documented and reported to PIU.



ANNEXURE









SEMP ANNEXURES

ANNEXURE 1: PRE-CONSTRUCTION PHASE APPROVALS/ NOCs

ANNEXURE 2: SAFETY TRAINING

ANNEXURE 3: LABOUR CAMP

ANNEXURE 4: BASELINE ENVIRONMENTAL MONITORING

ANNEXURE 5: BUDGET & COST ESTIMATION FOR ENVIRONMENT MANAGEMENT PLAN

ANNEXURE 6: TRAFFIC MANGEMENT PLAN

ANNEXURE 7: EMERGENCY PLAN

ANNEXURE 8: GRIEVANCE REDRESS MECHANISM (GRM)

ANNEXURE 9: DUMPING SITE

ANNEXURE 10: WASTE MANGEMENT PLAN

ANNEXURE 11: SAFEGUARD ACTIVITIES INCLUDING COVID 19











ANNEXURE 1:

PRE-CONSTRUCTION PHASE APPROVALS

/NOCs

S No	Construction Activity	Status under which clearance is Required	Implementation	Supervision
1.	Tree Cutting (No trees required to be cut) as per detailed survey	State forest department/ Revenue	PIU	PIU and PMU
2.	Hot mix plants, Crushers and Batching plants	Material to be procured from Existing Hot mix plant/Batching plant in Dehradun having proper CTE/CTO	DBO Contractor	PIU
3.	Storage, handling and transport of hazardous materials (Not required as no hazardous material used)	Hazardous Waste (Management and handling) rules, 2016; Manufacturing, Storage and Import of Hazardous Chemicals Rules, 1989 from UEPPCB	DBO Contractor	PIU
4.	Material Sourcing approval for sourcing stones and sand from quarries and sand mining and borrow areas	Material to be precured from authorized quarries/ stockiest having access to authorized quarries.	DBO Contractor	PIU
6.	Temporary traffic diversion measures	District Traffic Police	DBO Contractor	PIU
7.	Road cutting for Sewer laying works	Concerned department (PWD, Nagar Nigam, etc.)	DBO Contractor	PIU
8	Construction Waste and Demolition Debris Management	Approval from Nagar Nigam for disposal site is required per Construction and Demolition Waste Management Rules 2016	DBO Contractor	PIU
9.	Labour License	Labour commissioner, Government Of Uttarakhand	DBO Contractor	PIU
10.	Use of Vehicles and Equipment Pollution under Control (PUC) certificate	Motor Vehicle Rules, 1989	DBO Contractor	PIU







During this phase of the project the following permissions has to be acquired from the department

Details of Construction Materials

S No	Material	Spurce	Indicate if source has all necessary government Clearances
-	Aggregate	GOUK approved - letter attached	Yes
2	Sand	GOUK approved - letter attached	Yes
3	Cement	Mangalam Cement Ltd., Shree Cement Ltd.	Yes
4	Steel	Tehri Iron & Steel Casting Ltd Rathi Industries Ltd.	Yes
5	HDPE Pipe	Vectus Pipes Ltd.	Yes
6	UPVC Pipes	Vishal Pipes Ltd.	Yes
7	DI Cover	Plasma Alloys Pvt. Ltd.	Yes

Attachments

- 1. RC of Self-Loading Concrete Mixer Truck.
- 2 Hot mix Plant CTE & CTO under Air Act 1981, from UEPPCB
- 3. Letter for Permission of Road Cutting for Sewer line laying and Strom water drain work
- 4. Labor License
- 5. RC/TPI & Pollution Under Control certificates of vehicles and equipment
- 6. Vendor approval letter for cement, Steel, HDPE pipe & UPVC pipe
- 7. Approved Quarries Letter for sand & aggregate









Concrete Mix will be mixed in Self-loading Concrete Mixer Truck

RC of Self-Loading Concrete Mixer Truck









GOVERNMENT OF UTTAR PRADESH



[Ghazlabad] DISCLAIMER

REGISTRATION NO : REGN NO NOT ASSIGN VEHICLE REGN NO WILL BE GENERATED FROM THE RUNNING SERIES

Printed Date: 30-11-

Application No:

UP20113068568378

Applicant Name

M/S SATISH KUMAR & CO NA

Sonwitedaugner of Ownership Type:

OTHERS 25-Sep-2020 4H.3306/2020442

Chassis No:

Purchase Date: Engine No:

Passport No. Andhar No:

AF1ARG40KHLD0E

Pan No: Voter ld:

Full Address (Permanent): D-474, GOVINCPURAM, GHAZIABAD, GHAZIABAD, UTTAR PRADESH-201015 Full Address (Temporary): 0-474, GOVINDPURAM, GHAZIABAD, GHAZIABAD-UTTAR PRADESH-201013

Dealer's Name and Address: ACTION EARTH MOVERS, A-55 SEC-15, NOIDA...

Maker's Name: Maker's Classification: Agas Engineering Pvt Ltd ARGO 4000 SLCM Fig. 30909471-

DIESEL

Registration Type: Month/Year of Manuf: Standing Cap

NEW BJ2020 n

Bale Amount Norms: Sooting Cap(inc. driver):

Horse Power(BHP):

No of Cylinders:

Class of Vehicles

Bharut Stage III (CEV) 108.41 EARTH MOVING EQUIPMENT

Cubio Copecity: Wheel base: Type of Body: Colour: GVW(n kgs):

4160.00 2630 NA AJAX YELLOW

Fuel used in engine: Unfacien Weight(in kgs): AC Fitted; Video Fitted Width (in min):

Owser Serial No.

7610 0

0 Audio Fitted: N Length (in mm): b Height (in.mm): Ü

Hypothecation Details: CITICORP FIANANCE INDIA LTD, CITICORP FINANCE INDIA LTD, 3, LOCAL SHOPPING COMP

NEAR MADANGER, PUSHP VIHAR,, New Delhi, Delhi, 110062 Insurance Details: COMPREHENSIVE Insurance From IFFCO TOXIO GENERAL INSURANCE CO. LTD. vide policy certifi no 5/11/45/55N is valid from 26-5ap-2020 to 25-5ap-2021.

Taxation / Fees Particulars:

Sr.No	Description	Amount	Fine		
1	New Registration	3000	100		
2	Hypothecation Addition	3000	0		
3	Temporary Registration	3000	100		
4	MV Tax	4200	.630		

Grand

Date:

Bigneture of Accoptor After Parti-

Note: The Registration is subject to Registering Authority Approval. In case of disapproval, Whiche Registration Mark will not









Insured & Policy Details:

Incured Detods		Pakey Details							
Name	Satish Kunter and Company	Policy Number	D02921419.4						
Address	D-474, Govindpurem, Ghostobad Shostobad 301001	Receipt Number	RA062977406	Policy Issue Date	15-Mar-2022				
GST State Code	9	Policy Period	Prom	16-03-2022	10:37:50				
City / Location			To	15-03-2023	21:59:59				
Contact No.	+919910507375	Faither Code and Name	5046795	DIGIT DIRECT					
Emal ID	akshoyagarwal2008@gm all.com	Forther Contact and Empli ID	support@godigi	t.com					
astin Number		Nature of Business / Occupation/ Activity	Others						
Sank Name/Financial Institution	CITICONP Pincorp India								

Machine wise Details

			M	lochine 1				
			Machinery Det	tails and	Sum Insured	6		
Sr. No.	Description Type. Make's Name. Model, Capacity of Machine / Serial No. HP / KVA Volts. AMPS, RPM	Quentity	Veur of Make	Sum	Insured (INE)	Site Address	9	Specific Conditions
1	Miking Machinez, Miking Plents Action argo 4000 HL008951		2920	3800	000,00	Anywhere is i	hdio	
End	orsement Details							
Endo	rsement				Opted (Yes/)	(a)	Total	Sum Insured/Limits(NP)
L Exp	press freight jexcluding o	il freight), overtiv	n ant holday rates of wa	905	Bo		m	
LAS	Freight				No			
1.Ox	uner's surrounding prope	dy:			Yes	- 100	38000	00
C.C.	sarance & Removal of De	bris			No			
5. Ad	ditional Custom Duty				No			
6 Es	rolation				Na			
O.F	nd Party Liobility or any one accident or all accidents claring th	e period			NA Yes	11	NA 30000	0
8. Flo	oter				Yes		38000	000
9. Ter	mortone				No			









राज्य स्तरीय पर्यावरण प्रभाव निर्धारण धाधिकरण, उलासम्बद, ६५३, इन्दिस नगर कालोनी, सीमाद्वार शेळ, देहरादून-248006 वियोवरण, वन एवं जलवायु परिवर्तन मंत्रालय, मारत सरकार, गई दिल्ली द्वारा गतित) दूरभाकः 0135-2763576 ईमेल seiss.seac.uk@gmail.com



State Level Environment Impact Assessment Authority, 653, Indira Nagar Colony, Seemadwar Road, Debradun - 248096 Constituted by Ministr Environment, Forests and Ministry Climate Change Government of India.) Phone No-0135-2763576 Email- selas seac.uk@gmail.com

Letter No- 479 / SEIAA

Dated- 2 5 Sep, 2020

M/s Himalayan Construction. 250, Sarthi Vihar, Dehradun.

Sub- Extension of Environmental Clearance of Installation of Hot Mix Plant at Khasra No. 231. 232 and 233 in Mauza Altak Farm, Pargana - Pachhwadoon, Tehsil - Vikasnagar, District-Dehradun.

Kindy refet to your application dated 17.08.2020 regarding aforementioned subject. The proposal was considered by this Authority during it's moeting dated 147/15" Sep 2020. After due deliberation, SEIAA Uttarakhand applying the provision of Para - 9 of EIA Notification 2005, has granted extension of Environment Clearance of above proposal for five years w.e.f. 14.09.2020. The project proponent shall submit the CTO issued by SPCB within 30 days. The other conditions pertaining to EC an membered side this office letter no 05 - 9(15)2018 dated 11:01:2019 shall remain unchanged.

> (Sushanta Kumar Pattnaik) Member Secretary, SEIAA, Utterakhand.

Copy to following for information and necessary action:

- APOCF, Regional office (Central) MoEFCC Govt of India, 25 Suchash Road, Dehradun.
- 2. Principal Secretary, Foresta & Environment, Government of Littarakhand, Denradun
- 3 Director Industries, Geology & Mining Unit Govt of Ulterakhand Dehradun
- 4. District Magnetrate, Dehradun
- 5. Member Secretary, UEPPCB, IT Park Dehraduh
- DFO Dehtadun Forset Division, Tilak Road Dehradun
 Guard File for uploading in Parivesh Website.

(Sunhanta Kumar Pattnaik) Member Secretary, SEIAA, Uttarakhand.









Letter for Permission of Road Cutting for Sewer line laying and

Strom water drain work



Office of The Project Manager Project Implementation Unit - Dehradun

Uttarakband Urban Sector Development Agency (Uttarakhand Development Department, Govt. of Uttarakhand) 777 Santvik Tower, Kaulagarh Road, Rajenitra Nagar, Definidum 240001 Ph. 0185-2751671, B-mail. philodo.uurdip@gmail.com



Letter no. 569

/WW-DDN-01/

Date: 19 (02/2022

ररेवा में

1. मुख्य अभियन्ता. शोक निर्माण दिभाग चेहपायूमा।

 नगर आगुन्त. नगर निगम. देहणदूश.

 मुख्य अभियन्ता, शिंधाई विभाग, देशराद्न ।

विषयः नतीन ए०वी०बी० ऋण के अन्तर्गत शीवर/पेयजल सम्बन्धी परियोजनाओं के निर्माण कार्य प्रारम्भ कराये जाने के सम्बन्ध में सूचना का प्रेषण।

सन्दर्शः- इस कार्याजय का पत्रांक युव्यूव्एसव्हीवएव / A-350/1115 दिनाक 30.11.2021

महोदय.

उपरोक्त विषयक अवसत करूना है कि यूवयूक्एसक्कीक्टर हारा एवजीवनीव सहायतित कार्यक्रम के अन्तर्गत वंहरादून शहर के वसुना कालोनी एवं टीवएसव्योधनीठ कलोनी क्षेत्रों में नीवर लाईन विकास धाने का कार्य स्थल पर प्रारम्न किया जा रहा है।

अता उक्त क्षेत्र में कार्य काने की ओपचरिक अनुमति प्रयान करने का काट करें।

अंत्रम

अवदीय

(विधिन तिवारी) परियोजना प्रबन्धक

अधिलियि:-

कार्यक्रम निदेशम, पृठ्युक्ताव्यीकर्क, देशरादृत सायर शूचनार्थ प्रेषित।

अपर कार्यक्रम निवेशक, मृत्युक्त्रस्थकीक्ष्ण, वेहरावृत्त स्रायन सूचनार्थ ग्रेषित।
 सम्बन्धित सहायक अभियम्बर, बीठआई०युक, यृक्युक्पानकीक्ष्ण, वेहरावृत्त।

परियोजना प्रवच्चक



















Office of the Project Manager Project Implementation Unit



Uttarakhand Urban Sector Development Agency Satelle Tower, 277 Main Kaulagarh Rossi, Rajeudra Nagar, Behradun - 248691 Telephone +91-135-2751671, Tele-fax +91-135-2751620

Email: pix1d-fn.xuedip@gmafl.com

Letter No. 609

WW-DDN-01

Dated: 24 /03/2022

The Executive Engineer (Civil) UJVN Ltd., Yamuna Bhawan, Yamuna Colony, Dehradun.

Sub:-Regarding laying of sewer line in Yamuna Colony under Contract Package no. WW-DDN-01

Name of Works- Development of Sewerago and Storm Water Drainage System with 05 Years, Operation & Maintenance at THDC & Yamuna Colony, Dehradun in Utterakhand.

In reference to aforesaid subject it is to inform that sewer line in Yamuna Colony is to be laid by UUSDA under Contract Package no. WW-DDN-01, road cutting is required to lay the sewer line in Yamuna Colony. We ensure to restore the roads after execution of above work for which road cutting is to be done in Yamuna Colony. After laying of sewer line road restoration work will be done by UUSDA.

Therefore, you are requested to provide NOC for road cutting in Yamuna Colony so that the work can be started at the earliest. The network plan of the sewer line is being attached herewith for your kind information please.

Thanking you

Your's Sinceraly

(Vipin Tiwari) Project Manager

Enclosure :- Aforesaid

Copy to following for information please:
1. Additional Program Director (Technical), UUSDA, Dehradun.

2. Executive Engineer, Irrigation Department, Yamuna Colony, Dehradun.

Project Manager



Labour License







To be Attached

RC/TPI & Pollution Under Control certificates of vehicles and equipment







fatpa //vahan.psrrvahan.gov/m/vaha GOVERNMENT OF UTTAR PRADESH

Transport Department Ghaziabad

FORM 23

CERTIFICATE OF REGISTRATION

Registration Date UP14/T3048 Registration No Purpose For Printing RC Description of Vehicle EARTH MOVING

EQUIPMENT

A & A EARTH MOVERS, PLOT NO 229 J39 ECOTECHIST KABAN, GREATER NOIDA.

Son/wife/daughter of NA. SATISH KUMAR & CO. Owner Name D-474 GOVINOPURAM, GOVINOPURAM, GHAZIABAD, UTTAR PRADESH-201601 Full Acidress: (Permanent) D-474 GOVINOPURAM, GOVINOPURAM, OHAZIASAD-UTTAR PRADESH-201001 Full Address: (Temporary) 30 Rev-2020 Tax UpTo 29-Nov-2021

Owner Herial No. Detailed Description

Fitness UpTo

Design's Name & Address

Link Virhicia No EARTH MOVING Class of Vehicle EQUIPMENT

Enwst Stage III (CEV) Norma. FRM Ownership JOB INDIA LIMITED Maker's Name : AA1002060417

Rear HSRP No AA2000964120 Front HSRP No. SIDE SHIFT BACKNOE LOA Month/Year of Manuf. 11/2019 Type of fludy

DER HARDDXSSED2815864 Chassis No No of Cylinders DIESEL Fuet H00243416 Engine No 4,555.00 Cutric Capacity Horse Power(BHP) 75.04 2181 Wheelbass JOH SCIK Maker's Cassification 0 Standing Cep Souting Cap(in all) 2510 Unladen Wt (kgs) Sleepar Cap Ö Laden/GV Wf (kgs) 0 VELLOW Colour NO AC Fitted

Flifty Bud. Venicle Purchase As Additional Particulars of all transport vehicles other thus motor cabs (Gross Vehicle Weight)

As Regd. By Manut.

Weight(in l/gs) Description

as Front:

to Rear

Other Criteria

a) Other:

d) Tandem:

The motor vehicle above described is subject to Hypothecation in favour of CITI BANK NA. . . . Ghazabed

Ottar Predesh-201001 w.e.f. 26-Nov-2019.

2500000-Sale Amt 26-Nov-2019 Purchase att 15122 / UP14R1912000003 Amount/Ropt No 02-Dec-2019 CITT Date Vehicle is Govt / Pvt. PRIVATE 30-Nov-2020 Tartip Tir 62-CHc-2018 Date of Approval NOT EXEMPTED Tax Exempted or Not Other State/Transfer/Conversion Details

Previous RegNo Previous Owner Entry Date Old State Conversion Date Transfer Date

This certificate is valid from 02-Dec-2019 to 01-Dec-2034

Date: 20-Dec-J019 13:00:08 Taxation Particulars / Advance Registration Mark Fee Details

पातीयन अध्यक्ष्मरी Signature of the State of the S WHITE Dec-2019

02-Dec-2019

NEW

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Boygenment of Unar Pradesh Government of Little Pradesh 2012-2019 (1990









PUC for JCB 3DX (Registration no.- UP-14 JT3048)









Form 59

(See rules (15 (2))

Pollution Under Control Certificate

Authorsed By:

Lowermort of Uttar Fragesit

Date

12/03/2022

Time

16:37:54 PM

Validity upto

11/09/2022

CONTRACTOR Rt. No.

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Rs.100.00(GST as applicable)

640

Vehicle Photo with Registration plate 60 mm x 30 mm □ UP14JT3048
 □

Meas. Units (as applicable) Pollutant (as Emission limits (upto Sr. No. applicable) 40. 3: 2 percentage (%) Carpon Monoxide (CO) filling Emissions ppm Hydrocarbon, (ThC/HC) percentage (%) CO (tigh idling REM 2500 ± 200 EPM PHISSIPP 1 7 0.03 Lambda Light absorption 1/metre 2.45 Sanning Domsity coefficient

This PLK' certificate is system generated through the national register of motor vehicle not require any signature.

Note: 1 Veticle owners to link their mobile numbers to registered vehicle by logging to https://whon.parkschan.gov.in

Authorised Signature with stamp of PUC operator filters x 20 mm









Vendor Approval letter For D.I Chamber Cover









जगरकार सकत



Office of the Project Manager Project Implementation Unit

Uttarakhand Urban Sector Development Agency 3rd Floor, Savik Tower, 777 Main Kaulogarh Road, Rajendra Nagar, Debradus - 248081 Telephone +91-135-2751671, Tele-fax +91-135-2751620

Email: :giulddn.uurdip@gmail.com

Letter No. 462 NW-DDN-01

Dated: 07 /03/2022

To.

M's EMS Infracon Pvt Ltd Sai Enclave, THDC Colony, Dehrakhas, Dehradun, Email Id: ems@emsinfracon.com

Sub:-Regarding Approval of Vendor M/s Kiswok Industries Ltd. for DI Chamber Cover.

Contract Package: WW-DDN-01.

Ref: Your letter no. EMS/THDC/DDN2021-22/024 Dated: 07.02.2022

Name of Work: -Development of Water Supply & Sewerage System involving TW, OHT, Distribution Network, Trunk Sewer & Allied Works including 05 years Operation & Maintenance at Banjarawala, Package-02, Dehradun in

Uttarakhand

Dear Sir.

In reference to above subject matter the Vendor (M's Kiswok Industries Ltd.) for DI Chamber Cover submitted vide latter cited above is hereby approved.

It is requested to take further necessary action accordingly.

Thanking you

Your's Sincerally

(Vipin Tiwari) Project Manager

Enclosure:- Aforesaid

CASE SHATTER PROPERTY SERVICE AND ADDRESS OF THE PARTY OF

Copy to: - Additional Program Director (Technical), UUSDA, Dehradun for information please.









TATA LETTER OF TRANSMITTAL FOR VENDOR DOCUMENTS

To,	JOB NO: TCE: 12264A	YOUR REF. 253/WW-DC
Project Manager, Project Implementation Unit, Uttarakhand Urban Sector	CLIENT: Uttarakhand Urban Sector Development Agency (UUSDA)	Date: 08-02-2022 CONT. REF: EMS/ THOC 2021-22 / 024, Date: 07-0
Dévelopment Agency (UUSOA) 3th Floor, Seatvik Tower, 777, Main Keulagarh Road, Rajendra Nagar, Dehradun-248001	PROJECT: Development of Severage System and Strom Water Drainage System with 5 Years Operation and Meintenance, at THDC & Yemuna Colony, Dehradun in Uttarakhand Contract Package No WW-DDN-01	OUR REF. TOE.12284AJ 2022- 532 DATE: 05-03-202
	SUBJECT: Recommendation of Vendor (Mis Riswak Industries Ltd.) for DI Chamber cover	5H 1 QF 1

We are here in conveying our recommendations on the documents listed below. Recommendations convereither relieves the vendor/confractor of his contractual obligations and his responsibilities for comfirmensions, materials of construction, weights, quantities, design details, assembly fits, performance really conformity of the supplies with the Indian Statutory Laws sa may be applicable, not does it limit the grights under the contract.

TEAM LEADER! PROJECT

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TATA CONSULTING ENGINEERS LIMITED

FILE NAME: F-199-Res-RS-DEL dates

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Ground Floor Fower & &C. Giren Soutenant Plot No. 994. Souter 62. Noteb 291.301
Tel +91.120 6196100 Fax: 491.120 6190550 email mail@txe.com webste www.ter.com
Registored Office: Mathdya Centro A. 340 Senigotii Bapat Marg Lower Rami (West) Maintoi 400 613

TOE FORM









For HDPE Pipes Nimbus











Office of the Project Manager Project Implementation Unit

Urturukhand Urban Sector Development Agency 3rd Floor, Savili Tower, 777 Main Kaulagach Raud, Bajendra Negar, Behradun - 24000 Telephone +91-135-2751671, Tele-fax +91-135-2751620

Erroll: ipia Idda ausdip@gmail.com

Letter No. 464

/WW-DDN-01

Duted: 97 /03/2022

To.

M/s EMS Infracon Pvt Ltd Sai Enclave, THDC Colony, Dehrakhas, Dehradan. Email Id: ems@emsinfracon.com

Sub: Regarding approval of QAP for Vendor (M/s Nimbus Pipes Ltd.) for HDPE Pipes.

Ref.- 1. Your letter no. EMS/THDC/DDN/2021-22/019 Dated 25/01.2022

Name of Work: Development of Sewerage and Storm Water Drainage System with 05 Years, Operation & Maintenance at THDC & Yamuna Colony, Dehradun in Uttarakhand.

Dear Sir.

In reference to above subject matter the QAP for HDPE Pipes of Make - M/s Nimbus Pipes Ltd. under contract package no. WW-DDN-01 submitted vide letter cited under reference is hereby approved with the observations on QAP.

Therefore you are requested to kindly incorporate the observations/comments in the QAP and go-ahead accordingly.

Thanking you

Sincerely

(Vipin Tiwari) Project Manager

Encl: Aforesiad

Copy to:-Additional Program Director (Technical), UUSDA, Dehradun for information please.

Project Manager

PRODUCTION AND DESIGNATION OF THE PERSON NAMED IN









TATA LETTER OF TRANSMITTAL FOR VENDOR DOCUMENTS

To.	JOB NO: TCE. 12264A	YOUR REF. 185VW-DDN-01,
Project Manager, Project Implementation Unit, Ultiarakhand Urban Sector	CLIENT: Utterskhand Urban Sector Development Agency (UUSDA)	Date: 27-01-2022 CONT. REF: EMS/ THOC /DON 2021-22 / 019, Date: 25-01-2022
Development Agency (JUSDA) 3rd Floor, Saatvik Tower,777, Main Kaulagerh Road, Rajendra Nagar, Dehiadun-248001	PROJECT: Development of Sewerage System and Strom Water Drainage System with 5 Years Operation and Meintenance, at THDC & Yemuna Colony, Dehradun in Utterakhand Contract Package No WW-DDN-01	OUR REF. TCE 122544-UUSDA-59 2022- 59-9- DATE 64-03-2022-
	SUBJECT: Recommendation of QAP for Vendor (Mix Nimbus Pipes Ltd.) for HDPE Pipes	SH1 OF1

We are here in conveying our recommendations on the documents listed below. Recommendations conveyed herein neither relieves the vendor/contractor of his contractual obligations and his responsibilities for correctness of dimensions, materials of construction, weights, quantities, design details, assembly fits, performance requirements and conformity of the supplies with the Indian Statutory Laws as may be applicable, nor does it limit the purchaser's nights under the contract.

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TATA CONSULTING ENGINEERS LIMITED

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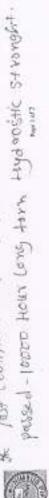






Recommended For Approval

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For HDPE Pipes Sangir Plastics Pvt. Ltd.



Office of the Project Manager Project Implementation Unit

Uttarakhand Urban Sector Development Agency Satvik Tower, 777 Main Kaulagark Road, Rajeadra Nagar, Behradun - 148091 Telephone +91-135-2751671, Tele-fax +91-135-2751620

Email: :plulddn.uradia@email.com



Letter No. 468

WW-DDN-01

O7/03/2022 Dated:

To. Mis EMS Infracon Pvt Ltd Sai Enclave, THDC Colony, Dehrakhae, Dehradun. Email Id. ems@emsinfracon.com

Sub:-Regarding Approval of Vendor M/s Sengir Plestics Pvt, Ltd. for HDPE Pipes,

Contract Package: WW-DDN-01.

Ref: Your letter no. EMS/THDC/DDN2021-22/019 Dated: 25.01.2022

Name of Work: -Development of Water Supply & Sewerage System involving TW, OHT, Distribution Network, Trunk Sewer & Allied Works including 05 years Operation & Maintenance at Banjarawala, Package-02, Dehradun in

Dear Sir.

In reference to above subject matter the Vender (M/e Sangir Plastics Pvt. Ltd.) for HDPE Pipes submitted vide letter cited above is hereby approved.

It is requested to take further necessary action accordingly.

Thanking you

Your's Sincerely-

(Vipin Tiwari) Project Manager

133

Enclosure:- Aforesaid

Copy to: - Additional Program Director (Technical), UUSDA, Dehradun for information please.









TATA

LETTER OF TRANSMITTAL FOR VENDOR DOCUMENTS

To,	JOB NO: TCE. 12284A	YOUR REF: 185/WW-DDN-01,
Project Manager, Project Implementation Unit, Ultraskhand Urban Sector Development Agency (UUSDA) 3* Floor, Saatvik Tower,777, Main Kaulagarh Road, Rajendra Nagar, Dehradun-248001	CLIENT: Uttarakhand Urban Sector Development Agency (UUSDA)	Date: 27-01-2022 CONT, REF: EMS/THDC /DON 2021-22 / 019, Date: 25-01-2022
	PROJECT: Development of Severage System and Strom Water Drainage System with 5 Years Operation and Maintenance, at THOC 8 Yamuna Colony, Dehretun in Ulterakhand Contract Package No WW-DDN-01	OUR RET: TOE 12284A-UUSDA- 2022- 511 DATE: 63/63/692
	SUBJECT: Recommendation on Verdor (Ma Sangir Plastics Pvt. Ltd) for HDPE Pipes	SH 1 OF 1

We are here in conveying our recommendations on the documents listed below. Recommendations conveyed herein neither relieves the vendor/contractor of his contractual obligations and his responsibilities for correctness of dimensions, materials of construction, weights, quantities, design details, assembly fits, performance requirements and conformity of the supplies with the Indian Statutory Laws as may be applicable, nor does it limit the purchaser's rights under the contract.

TEAM LEADER/ PROJECT MANAGER

	/	CODES					
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8:	Document approved subject to comments no proceed with fabrication/construction consider our comments:		 G. Documents of this category are for informal and not for approval. Information furnished document is noted. 				
C:	Our comments are noted on the enclosed mu up print.	arked- H	comme	ent reviewed only again ots and other revisions d by the vendor.	st our previous highlighted and		
D:	Our comments are noted in the memo attach	ned to I:	Docume	ent returned without review			
E:	Correct original of the document to reflect our comments and resubmit for approval.	r J	Print no	t enclosed.			
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COPY To :

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For UPVC Pipes Vishal Pipes Ltd.



Office of the Project Manager Project Implementation Unit

Uttarakhand Urban Sector Development Agency 2rd Floor, Savik Tover, 777 Mein Kautagarb flood, Rajenéta Nagar, Bebradun - 249001 Telephone +91-135-2751671, Tele-fax +91-135-2751620



Email: :piu1itim.umdip@gmail.com

Letter No. 518

WW-DDN-01

Dated: 14 /03/2022

To

M/s EMS Infracon Pvt Ltd Sai Enclave, THDC Colony, Dehrakhas, Dehradun, Email Id: ema@emainfracon.com

Sub:Regarding approval of Vendor (M/s Vishal Pipes Ltd.) for UPVC Pipes.

Contract Package: WW-DDN-01.

Ref: Your letter no. EMS/THDC/DDN 2021-22/019 Dated: 25.01.2022

Name of Work:- Development of Severage and Storm Water Drainage. System with 05 Years, Operation & Maintenance at THDC & Yamuna Colony, Dehradun in

Utterakhand.

Deer Sir,

In reference to above subject matter the Vendor (M/s Vishal Pipes Ltd.) for UPVC Pipes submitted vide letter cited above is hereby approved.

It is requested to take further necessary action accordingly.

Thanking you

Your's Sincerely

(Vipin Tiwari) Project Manager

Encl: Aforesaid

Copy to: -Additional Program Director (Technical), UUSDA, Dehradun for Information please











LETTER OF TRANSMITTAL FOR VENDOR DOCUMENTS

To.	JOB NO: TCE: 12264A	YOUR REF. 185/WW-DDN-01.
Project Manager Project Implementation Unit Uttarakhana Urban Sector	CLIENT Ultarakhand Urban Sector Development Agenty (UUSDA)	Date: 27-01-3022 CONT. REF: ENS/ THDC (DCN 2021-22 019. Date: 25-01-2022
Development Agency (UISDA) 3º Floor Saetulk Tower 777 Men Kaulegent Road Raenotra Nagar Gehradus-245001	PROJECT Development of Severage System and Strom Water Drainage System with 5 Years Operation and Maintenance, at THDG 8. Varnuna Calony, Dehradun in Ultimathand Contract Package No.: WW-DDN-01	OUR REF TCE 12284A-UUSDA- 2022- 5 6 3 DATE: 10/03/32
	SUBJECT: Recommendation of Vandor (Mis Value Pipes Ltd.) for UPVC Pipes	SHIDEI

We are here in conveying our recommandation on the documents sisted below. Recommandation conveyed herein neither relieves the vendor-contractor of his contractual obligations and his responsibilities for conscious of amenatoria, nestenate of contraction, weights, quantities, design details, assembly fits, performance requirements and confidentity of the supplies with the Indian Statistical Laws as may be applicable, not does it limb the purchasers rights under the contract.

TEAM LEADER PROJECT SPANNER

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C	Our commercs are nated on the enclosed marked- up print.	H.	Document reviewed only against our previous comments and other revisions highlighted and identified by the vendor.				
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TOD FORM NO 310-DEL RS









For Cement

QAP approval letter- Under Process









For Steel

QAP approval letter-TO BE ATTACHED







रंग्स्या





Approved Quarries Letter for sand & aggregate

^{प्रताब} एवं स्वभिक्तमे इकार्ड, तस्त्रीम निवेशासम्, तत्त्रनास्त्रण्ड, मोधालपानी, देशसङ्ख्या

/ न्यांत्रकेशस्त्रातनकीठ/सनन/मुत्तसनिवर्दव/प्रस्थि/2021-72

Reliable stages assi

कार्यातय प्राप पात्तराक्षण्ड 1480/VIII-A-1/2021/88 विद्याणिक शिक्षण (अन्तर) ज्यान तरावरण उत्तर स्थानिक प्रति मोबार्टिक स्थान क्षेत्रक क्षेत्रक हिन्द्रीतिक विद्यालया हिन्द्रिक प्रति क्षेत्रक क्षेत्रक क्षेत्रक क्षेत्रक स्थानिक स्थान क्षेत्रक क्षेत्र राज्यम् औद्योतित (तेवास (सन्तर) प्योंट, मोबार्टल स्टोल जेसर पोक्टिन स्टीनिश प्रतार म माराज्य रहार पार विश्व प्रतार विशेषान प्रतार अनुसा कीरि १९२० के आधारा-मा के द्वित 2020 में अध्याय-सा के विन्तु रेलिया र के उप सिंधु 2 में संशोधन किया गया है कि — स्टीन क्रास्ट्र स्वीतिन प्राट स्व स्वीतीकरण दिश्वाधिकातोः क्रास्ट्रिक र के उप सिंधु 2 में संशोधन किया गया है कि — स्टीन क्रास्ट्र स्वीतिन प्राट स नवीनीकरण विकासिकांनी करात उनके द्वारा नामित अधर विकासिकांते/पृत्य विकास अधिकांत्र की अध्यक्ष में गरित अधिकि और अध्यक्ष केलिका समिति की संयुक्त निरीक्षण आस्त्रक के अध्यक्ष पत्र जिलाधिकारी एवं निर्देशक, भूतल एवं राशीवाले उपाई की संस्कृत पर हात्मने द्वारा 10 वर्ष की अवित हेतु की जावेगी'। परमा वर्तचन में फोविट-19 (Coold-19) के महावारी के क्यांव हव रोहम्मा की सम्मादनाओं एवं Use of Doing Business के दृष्टिमार की संस्थात क्या समाजित करने केंगर / करिनेता क्यांत्र कर पात पहिल्ला कि अध्यापक की आवार का स्वीतीकरण मिछ नावारण गाउ राष्ट्रीय प्रेचार ∕ कर्रोणिंग प्रसाट एवं प्रसाट परिसार में उपास्तित भण्डारण की अनुदा का नवीनीकरण (नक नावालप, गाउ गर्श्वा परित प्राधिकरण के आदेश द्वारा करेंद्र या शीज की गयी इकाचिया को खोड़कर) आवेदक इसाई द्वारा नविनीकरण शुक्त जन्म किसे वालों पर्य अपनेत्रक प्राप्ति के किसीकर मान्याने / शास्त्रकारों को पर्य किसे उसने से समर्थित प्राप्त जमा किये जाने एवं आवेदम एक के साथ सीति में निर्धारित मानकों/आवधानों को पूर्ण किव लाग से सम्बन्धित शक्त पत्र के द्वारा स्टाप्रमाणमन (Self Centification) प्रस्तुत किये जाने पर निदेशक, भुशना एवं स्वतिकर्न हुकाई हाल सम्बन्धि अभिलेखों का परिक्रम / जोंच करमें के तुपसन्त आमामी 10 वर्ष की अकी हेतु नवीशीकरन किया जायेगा, प्रतिबन्ध दन कि यह परन्तुक जनत गीति प्रत्याचित होने की तिथि से 01 गाए तक ही प्रवृता एवं प्रभावी होगा । शासन से पत्र संग्रत 1581 / VII - A - 1 / 2021 - 58 रिटे / 08 टीसी - 1, दिनांक 08 सिलम्पन 2021 को द्वारा स्टॉन क्रेशन मीति, 2020 मे वक्तानुसार किये गये प्राप्तान के रूफल एवं सुपारू कियान्यन हेंयु भी राजधात लेखा, वर्ष निवेशक/ज्येष्ट वान अधिकारी, भूततम एवं खनिकर्म इकाई, जनाव नैनीताल को एतवडारा नोउल अधिकारी गामित किया गया है। शासन के उपरोक्त कार्यालय आप के अम में निदेशक, भूतत्व एवं खनिकार्व इकाई, उद्योग निदेशालय, उत्सराखण्ड देहराद्व के कार्यालय आदेश सरव्या २०६५/सनन/भू०रवनिवर्डव/२०२१-२२, दिनांक २१ सितम्बर २०२१ के हारा पूर्व सं स्पीकृत/संघालित स्टोन क्षेत्रर/स्क्रीनिय प्लोटी तथा प्लाट परिसर में उपक्रनिज भण्डारण की अनुद्रा का मर्बनीकरण आदेश नीतिगत समस्त नियमों का पालन कराते हुए मधीनीकरण आदेश निर्गत किये जाने हेर्नु अधोउल्डान्तरी जो एतदद्वारा अधिकृत किया गया है।

गोळल अधिकारी, भूतत्व एवं खनिकर्ग इकाई, देहरादून हास पत्र सच्या 113/भूक्खनिवर्षo/स्टोवलेकनवीत/हरिव/2021—22, दिनांक वा अष्टूबर 2021 को द्वारा मैतार्स इच्छिया स्टोन क्रीपर प्रांठ श्री खालिद अली, ग्राम शेलपुरा प्रोठ बुग्गावाला, जनवद हरिद्वार को ग्राम बीलतपुर इजरसपुर वर्ण बुवावाहीद सहसील सन्द्रवरी, जनपद व वहसील हरिद्वार को क्षेत्रामार्गत कुल 2,0398 हैंव भूमि में पूर्व से स्वीकृत/स्थावित स्टोन संशार पत्रांट वित अनुष्ठा का नवीनीकरण मध्य भण्डारण अनुसा सहित दिनाक 24 अक्टूबर 2018 से आनामी 10 वर्ष जी अवधि हेतु स्वीकृत किये जाने के सम्बन्ध में प्रस्ताय प्रेमित किया गया है।

जलराखण्ड शासन, जीविंगिक विकास अनुमाम के प्राथित्व प्राय तिवंदि । १८३८ / १८१८ । १८३८ - १८३५ विनाब २४ अक्टूबर २०१३ के द्वारा व्यवस्थाण्ड के मैदानी क्षेत्र हेतू पटीन क्षेत्रर स्क्रीनिन खार, पत्यवद्वार अनुमान नीति २०११ के अन्तर्गत निदेशक, मृतत्व एवं खानिकमें इकाई, व्यविंग निदेशतत्व, व्यवस्थाण्ड, पंतराद विनोक १७ जनस्य १० विवास स्वास विनोक १७ जुनाई २०१३ में प्रवत्त संस्तृति के क्ष्म में आवेदक मैसले इण्डिया स्टीन क्षेत्रर थीठ श्री खालिव अजी, यान तेलपुर, योठ बुनावश्रीत, वहसील कवकी, जनस्य ४ व्यवसील इरिहार के क्षेत्रान्तर्थात कृत २,0562 हैठ अथित ५०० एकाइ भूमि में २०० टन प्रतिदिन बामता के स्टीन क्षेत्रर स्थापना / सदालन हेतु आवेश में वर्षित वाली के अधीन ८५ वर्ष की अवित्रे के विद्या किये जाने की अनुमति प्रवान की गयी है। नवीपतान्त वार्थालय जिलाधिकारी हरिहार के पत्र संख्या ७३३ / जनन सहाठ / उक्किनिकार-२०१६ दिनांक २१ जुनाई २०१६ के झारा प्लाट स्वामी के पक्ष में गाम वीनापुर इक्तरपुर उम्में पुन्नाश्रीद को यक सठ १४६ के गारा सठ ९४८ / २ वक्त में उपलिंग पत्र से पत्र समय में १०,००० प्रनाविंग वण्डात्म की अनुमति विनाक २३ अक्टूबर १४८ वुन भूमि २,०३३० हैठ में एक समय में १०,००० प्रनावीटन वण्डात्म की अनुमति विनाक २३ अक्टूबर २०१८ वुन भूमि २,०३३० हैठ में एक समय मे १०,००० प्रनावीटन वण्डात्म की अनुमति विनाक २३ अक्टूबर २०१८ हम्म वृत्त भूमि ३,०३३० होठ में एक समय में १०,००० प्रनावीटन वण्डात्म की अनुमति विनाक २३ अक्टूबर २०१८ हम्म वृत्त के कार्य के अवित्र हम्म विनाक १३ अवित्र १००० व्यवसील वार्यसील वार्यसील की अनुमति विनाक १३ अव्यवस्थान विनाक १००० १००० १००० विनाक वार्यसील वार्यसील वार्यसील विनाक १३ अव्यवस्थान वार्यसील वार







पूजार क्यांकी के अध्यक्ष भार में प्रसार पूर्व प्रमाण के रूप पूर्व प्रतिकार है। अलाहरामा प्रदेश स्थान श्रुष्टीच प्रशन्द में व्यवसहित्य मोदाईस स्थान हालर मोदाईस स्थानिम प्रशन्द और मिद्रस प्रशन्द सी जिसा प्रशन्द सन्देश १९२० को सामा हुनुश्च मेंडीने-2020 के अनुसार पत्तर की पालाकित अगरा का आजनान नीति के उत्पाद । वे किन् प्रधार १ वे किन् होती से वासमें जाने के प्राप्तान ही प्राप्त के वास्त्रीक प्रमूप निर्धारित ही आएसे।

अधिकारी MING. 44(1) The same प्राथादस 754 राव/पूर्णसन्विद्वेष्ठ/संरोक्तमेक्नातिक/रावश्य २००१ वर्ष वर्ष अस्ति । अस्ति अस्ति अस्ति अस्ति अस्ति अस्ति अस्ति क्रम में जात्रसंद्राबद कार्यन क्षेत्रपादिक (स्थान) (स्थान) इन्हाल र क प्रजादक्त क्षेत्र संस्था 1380/VIII-A-1/2021/60 [de:/chit.] [Aust a Richest 2021 is writer till it forg nom t its forg a ri होहित प्रत्यान में अन्तर्गत भेताले इतिहास स्टोन कंशन प्रीक्ष भी स्वतिष्ट असी, साम संस्पृत स्वर् कृष्णान उत्तरत हरिहार के पत्त में पान दीलतपुर हजसापुर तक बुधवाशकीय तहसील सदसी, जनपद व तत्सील लेक्सर सं धननायेल कृत 2,0398 हैत भूमि से पूर्व से स्वीकृत ∕स्थापित स्टोन क्रोगर प्लांट की अनुवा का सब प्रणासम अनुवा सीटन दिनक 24 आर्ट्सर 2018 से आगामी 50 वर्ष की अवधि के लिए निम्न वर्ती के अवीन नवीनीकरण किया जाना र

75T :

 उत्तरदासम्बर स्टोन क्रीशर, इद्योक्ति स्तान्द, प्रत्यसङ्ग्रेशर, गोबाईल ग्रटोन क्रेशर, गोबाईल ग्रहीनग प्रतन्तु तत्. मिटस प्लान्ट वैदी मिटस प्लान्ट अनुहा। नीति-2020 के अध्याय-1 के विन्यु संस्था / "स्टेन अध्या/पर्दान्य प्लोट अनुक्रा देने हेंचु कर्त" में चरिलक्षित सगरत हताँ (बिन्दु संख्या 1 से 14 तक) का अनुपासन किया जाना अनिवार्य होगा अन्यथा ई-स्वन्ता प्रोटल बन्द किये जाने की कार्यवाही की जायगी।

 स्टीन ब्रोशए मीति के अध्याय-| के बिन्दु संख्या 7 (15) की अनुपालना माठ न्यायालय क्षान निट व्यविका के 1645 / एम्द्रएस्त्र / 2020 बलविन्दर सिंह बनाम सत्ताराखण्ड राज्य व अन्य मे पारित ब्राटेश से अनुसार की जाने

स्टोन क्रेशर मीति-2020 के आजाय-। के बिन्दु संख्या 7 (16) के अनुसार प्लांट संवालन ने पूर्व पर्यापन

ररिक्षण एवं प्रदूषण नियंत्रण बोर्ड से Consent to Operate लिया जाना अपरिहार्य होगा।

 स्टोन क्रेशर नीति-2020 के अध्याय-1 के बिन्दु संख्या 9 की अनुपासना मा0 न्यायालय द्वारा रिट कांचका स्त 1645 / एम०एस० / 2020 बलविनदर शिंह बनाम चताराखण्ड राज्य व अन्य मे पारित आदेश के उनुसार की जर्न

 मीति को अध्याय—III को बिन्दु संख्या 1 (1) के अनुसार अवशेष शुक्क तक 19,80,000/-(सपद उम्मीतिक प्र अस्ती हजार मात्र) नवीनीकरण अदेश यो उपराना तथा ई-रयन्या पोर्टल मे अपलोड/अपटेट किये जाने ने हो

निर्धारित लेखा शीर्षक में जमा किया जाना होगा।

 स्टोन क्रेंगर नीति-2020 के अध्याय-1 के बिन्दु संख्या 6 (क) के अनुसार स्टोन केशर सचालक की करड मेंटेरियल (ग्रिट एवं डस्ट) की मात्रा पर रू० 1.00 प्रति युन्तल की समतुल्य धनरात्रि तथा क्रेसर प्लॉट में साने गर्थे उपखनिज (बाल, बजरी) की मात्रा पर रूठ 0.25 प्रति कुनाल की समतुत्व धमराशि पर्यावरण एवं छनिज सम्पदा शुनक के रूप में निर्धारित लेखाशीर्षक-0853 अलीह धातु कमें एवं खनन उद्योग में जमा किया जाना अनिवार्य होगा।

7. स्टोन क्रंशर नीति-2020 के अध्याय-1 के बिन्दु संख्या 6 (छ) के अनुसार स्टोन क्रेशर के स्वामी के द्वारा प्लान्ट के प्रवेश में व निकासी मेटों पर कम्प्यूटराईज्ड धर्मकाटा एवं सीठसीठटीठवीठ कैमरा स्वयं के ध्यय पर स्वादित करेगा तथा रिकॉडिंग की सीठडीठ प्रत्येक माह जिलाधिकारी एवं भूतत्व एवं खनिकर्ग निदेशालय वे जनपदीय

कार्यालय में प्रस्तुत करेगा। तदनुसार निदेशक को सूचित किया जारोगा।

 स्टोन क्रेशर नीति-2020 के अध्याय-1 के बिन्दु संख्या 6 (ग) वो अनुसार भण्डारण की जांव/पेमाइश के उपसन्त यदि भण्डारित उपस्यनिज की मात्रा भण्डारणकर्ता द्वारा प्रस्तुत अभिलेखों एवं बास्तविक बैमाईश के अनुसार मिलान करने पर 5 प्रविशत से अधिक का अन्तर पावा जाता है, तो नियमावली छे नियम १३(६)(ख) के अनुसार कार्यवाही की जायेगी।

 स्टोन क्रेशर नीति-2020 के अध्याय-। के बिन्दु संख्या 6 (घ) के अनुसार स्टोन क्रेशर स्वामी द्वारा पर्यावरण एवं खनिज सम्पदा शुल्क जमा न करने की दशा में खनिजों के परिवहन हेतु संबंधित जिला खान अधिकारी द्वारा

ई-प्रपत्र "जे" जारी नहीं किया जायेगा।









sa क्टोन अंतर नीति-2020 क आयाय-1 क विन्तु सहात के (व) के अनुसार स्टान अवह बनाए तान वर हार छ इस किये गये उपरांतित का प्लान में Process किसे जाने के अपनन crushed material/ Screened material क्र स्वस्त्र पश्चितंन होने के करास्तरूप Processed material वर उपत्र की क्री म नते अद्या

et ब्लाट ब्लामी के आवेदन प्राप्त के अर्थनिया प्राप्त की समात है। तम/पन तथा प्लान गायस और प्रार्थ अंकर पर प्रदेश कर प्रदेश की (प्रस्तान देखाई) निवर्तन का अवस्थ के निवर्तन का निवर्तन मात्त / अंगरक्कित्सक की कृत साम अर्थात अर्थात अर्थात केंग्रह होते करने मान की एक समय व वार्यांगा प्रकार 80×75×10×67,500 दन तथा वर्षकात से मिल अवधि अर्थात (प्रस्तुधा स दून अर्थ की चर्चन तर् बाव मात की एवा सराव में मणहारण क्षमता 45×75×10=35,750 रन होती है रहता हो र 2,75,005 रन करने मह भी अध्ययक्षा होती।

12 उत्तरसम्बद्ध स्टीन क्रेयर, रहोनिन द्यान, पत्त्वसद्देतर मोन्वर्डन स्टीन क्रेयर महेपदेन क्रोटिन ४०-५ टेन भिज्ल प्लान्ट, रेडी फिरस प्लान्ट अनुका नीति-2020 में अनुसार प्लाट की वस्तादिक समझ का प्राप्तान और के अध्याय-1 के चिन्दू हराज g में गरित समिति से कसमें जाने में उपसन्त के स्वाट की तानर्दना हमन

िमारित की का सकेंगी।

13. स्टोन क्रोशर गीति-2020 को _{अध्यास्थ}-III को विन्दु संख्या 3 (1) के अनुसार प्लाट स्वामी के द्वारा शासन की नीति के विपरीत कार्य करने पर जिलाधिकारी एवं निवेशक, भृतत्व एवं खनिकर्न इकार्ड की संस्कृति पर शासन हारा ब्लांट स्वामी को सुनवाई का युविच-युक्त अवसर प्रदान करने के उपराना गुण-दोश के अधार पर अनुजा बदय करने का निर्णय लिया जायेगा।

14. यदि प्लाट स्वामी के हाता सपलब कसये गये अभिलेख गतत पाये जाते हैं तो इसकी सम्पूर्ण डिम्मेदार्ग करत स्वामी की होनी कथा गलत अभिलेख पाये जाने की पुष्टि होने की दशा में ग्लांट के नवीनीकरण की अनुवा

निरस्त किये जाने की कार्यवाही सम्मादित की जायेगी।

16. प्लॉट स्वामी के द्वारा चलाराखण्ड शासन, औद्योगिक विकास अनुगाग-1 की अधिनृष्टण राज्य 906/VII-I/2020/158 ख-व्य दीसी, दिनांक 15 जुसाई 2020 के द्वारा प्रख्यापित उत्तरसंखण्ड खनिज (अपैध खनन, परिवहन एवं भण्डारण का नियारण) नियमायती. २०२० में उस्तिकात समस्त शर्ता/प्रतिबन्धां क अनुपालन किया जाना सुनिश्चित किया जायेगा।

16. प्लॉट स्वामी के द्वारा माँठ उच्च न्यायालय, माँठ उच्चराम न्यायालय, माठ राष्ट्रीय छरेत प्राधिकरण तथा छन्द

सरकार व राज्य सरकार द्वारा समय-समय पर निर्मत आयेशों का अनुपालन मुन्दिरियत किया जाएगा।

(एसाएसा) पेट्रिक) अपर निर्देशक।

संख्या २३४५ — / स्टोठक्रे०प्सांतनवीत / खनन / मूठखनिवई० / हरिव / २०२१ – २२. तद्दिनाकित। प्रतितिपि – निम्नतिखित को सूचनार्च एवं आवश्यक कार्यवाही हेत् प्रेष्ति।

सविव, खनन, उत्तराखण्ड शासन, देहरादून।

निदंशक, भूतत्व एवं लिकमं इकाई, उद्योग निदेशालक, कलगरमण्डा, देहराद्न ।

4. संबस्य सचिव, उत्तराखण्ड वर्यावरण संरक्षण एवं प्रदूषण नियत्रण वोडं वैहराबून को इस आश्रम के गांध देखे। कि कृपया प्रदूषण नियत्रण याँवे से सम्बन्धित मानकों को पूर्ण करने हेतु. जो भी सर्वे निर्तारित है जनक अनुपालन Consent to Operate देने से पूर्व कराने का कष्ट करें। संयुक्त निदेशक खनन/गोडल अधिकारी, मृतल एवं खनिकर्म इकाई देशरादृन।

 तहायक भूवंडानिक, गृतत्व एपं खनिकर्न व्याई, हरिद्वार। मेसर्स इण्डिया स्टोन क्रेशर प्रेण श्री खातिद अती, ग्राम तेलपुरा, पीत पुग्गावाला, जनगद हरिहाई।

(एसाएरिन) पेट्रिक अपर निवेशक ।









ANNEXURE 2: SAFETY TRAINING

Safety Guidelines given to labors by Aqeel Manjar















NAME OF PROJECT :-

"Development of Sewerage and Storm Water Drainage System With 05 Year, Operation & Maintenance at THDC & Yamuna Colony, at Dehradun in Uttarakhand"

CONTRACT PACKAGE NO:- WW-DDN-01

CONTRACT NAME :- M/s EMS Infracon Pvt. Ltd.

CLIENT NAME: - Uttarakhand Urban Sector Development Agency

> TOOLS/SAFETY KIT TRAINING REGISTER













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Health Safety for Workers

To provide clinic facilities to our labors and workers we have tie up with Dr. Baldev Verma B.A.M.S., M.D.U in case of any emergency and monthly health checkup camps will organize for body checkup.

Dr. Baldeu Verma

B.A.M.S., M.D.U.

(A.M.A For Commissions Government)

ph.Clinic:7579190090 Timings | 9.00 a.m. to 1.00 p.m. | 5.00 p.m. to 8.30 p.m.

Date 4/4/22

The Project Manager EMS infracon Put. Ltd. Soi Baba Enclave THOC Debrakhas Debraolun

Nome of work: Sewerge & Storm water Drainage system at THDE & Yamuna Colony (U.K)
Subject: First Aid treatment to Severage .
Poroject worker at clinic (OPD).

with due Respect I have to tell you that
my clinic have all facilities regarding rainor
surgeries g medical facilities in all despencies.

clinic have well equipped pathology g
medical staff.

The people of your Company shall have no problem during treatment protocal.

Sunday Evening Closed M. Teaching you

Clinic: 77, Gobind Garh, Dehra Dun-248001 Phone: 0138-25340 APT. Buttley Alerm Resi: 19/7, Prakash Nagar, Idgah IInd, Dehra Dun, Phone: 0178-25340 APT. Buttley Alerm









ANNEXURE 3: LABOR CAMP

On sub project we will engage mostly the local labor and less migrant labor.

For migrant labor we have established Labour camp at Yamuna Colony

Official Letter for allotment of Labour Camp

Office of The Project Manager Project Implementation Unit - Dehradun

Uttarakhand Urban Sector Development Agency Hitzarakhand Development Department, Gret, of Utrarakhand)

555 Cancik Issue, Kudagari and Bussica Segr. Delegant 248001

25. 213 271 1072, 8 mar part den armigragmall con

Letter no. 199

/WW-DDN-01/

Date: 21 01 2022

ac a

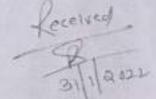
अधिकारी अभिनन्त (ज्यहमद अनुस्तर्य). वसारवापर जान विकृत निराम विकेश ह यमुली भवन, यमुला कालोली, (Ppthys)

विषयः पैकेल सम्बंध www.ppx.ep तीवर लाईन एवं ड्रेनेख सिस्टम के सम्बन्ध में)

##

संपत्तीक्टा विकास में अन्तर्भ में अध्यक्ती अवसंस्त काराना है चमुना कालीजी में सीवर जार्बन एवं माहिन्छी का निर्माण कार्य किया आगा है, जिस हेतु आपने क्षारा बाल सावन में गावीद आणि से हतु दिये गावे करती के सन्देश बाजना से साम्बंदित जार्थ केंगू स्टॉन, क्षेत्र एवं गाउँ जम बनगणा जा नहीं हैं। बजन निर्माण अरावाची (टीम सेव) कव में विका आयेगा, जिसाको कार्य पूर्व कोने में परवास हटा दिया जार्रमा। भावर स्वत्यां प्राप्ता भवदीव

> (गीवेड्डे-सिंहव होती) धरियोधाता अवस्थान











Camp layout:



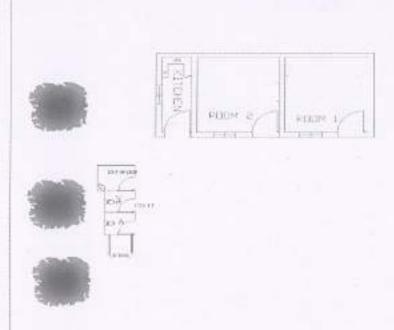










Fig: LABOUR CAMP LAYOUT

Table: Facilities provided for workers

S. No.	Facilities	Standard	photographs
	General living facilities	The camp is situate such a place to an flooding and or natural hazards. Camp is located with a reasonable distation worksite. Transport from camp to worksite safe and free.	ther the
	Ventilatio n and light	Windows are provided for ventilation and natural light.	ded for









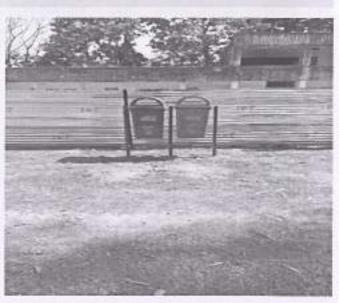
Water

- Adequate and convenient supply of free potable water is available to workers.
- 80 to 180 litres per person per day water is available on camp.



Wastewat er and solid waste

- All the wastewater is collected in septic tanks so that surface water is not get contaminated.
- For collecting solid waste, we provided the rubbish containers and will be emptied at regular intervals to avoid unpleasant odors.





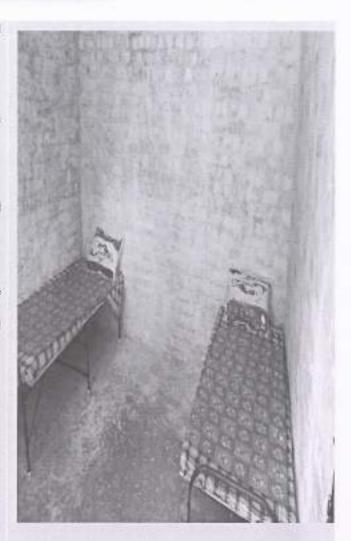






Rooms facilities

- Exposure to noise and odor is minimized.
- The flooring space is in given standards.
- 3 workers are allowed in one room.
- There is min. space of
 1 m is provided
 between beds.











Sanitary and toilet facilities

- Sanitary facilities are located within the camp area and provided separately for men and women.
- Toilet facilities is about 30 m away from the rooms.
- Wash basins is conveniently located for hand washing.
- Toilet rooms is well lit and have good ventilation.



Cooking

- Kitchen space is provided separated from sleeping areas.
- Kitchen has reasonable amount of space per worker for cooking their food.
- Washbasin is provided for cleaning hands, vegetables and utensils.











В.	Laundry facilities	 Provided this facility for workers to wash both work and non-work- related clothes for personal hygiene. 	
9	Security of workers	Ensuring the security of workers, we provide the security stuff. Security guard is appointed for both male and female workers. Security measures is to protect workers against theft and attack.	
10.	Medical facilities	First aid kits are available in the camp in case of accident or in case of emergency. First aid training and facilities can save lives and prevent minor injuries becoming major ones.	



Environmental Monitoring Report









ANNEXURE 4: BASELINE ENVIORNMENT MONITORING

To ensure that during the course of our project the environment of the project area is not impacted, we will conduct quarterly testing of ambient air, noise pollution, surface water, ground water and soil quality.

Calculation of total Number of samples-

- Project duration = 2.5 years = 10 quarters
- Pre-construction phase = 3 months =1 guarter
- Monsoon period in each year =3 months =1 quarter (July-Sept)
- Monsoon period in project duration = 2 quarter
- Effective period of environmental monitoring (C) = (10+1) 2 = 9 quarters
- Total number of samples in construction period (B) = A x C

Table 1: Baseline Environmental Quality Monitoring

S.N	Type of monitor ing and Parame ters	Location/coordinates of monitoring and no. of samples	Total No. of sample s	DATE	NABL accredited lab name
1	Ambient Air Monitoring	1. H. No 149/9, Vidhya Vihar -III, Dehradun- 01 2. Phase – I, DSDC Near Raj Rajeshwari Colony – 02 3. Plot No 1, Pathavi Bagh Chowk-01	05	24.01.2022	ITS LABORATORY
		4. Opp. Side Nissan Showroom Near Kargi Chowk, Dehraduri-01 5. Kargi chowk-01			









2.	Ambient Noise monitoring	1. H.No 149/9, Vidhya Vihar -III, Dehradun- 01 2. Phase – I, DSDC Near Raj Rajeshwari Colony – 02 3. Plot No 1, Pathavi Bagh Chowk-01 4. Opp. Side Nissan Showroom Near Kargi Chowk, Dehradun-01	05	24.01.2022	ITS LABORATORY
3	Ground Water quality	5 Kargi chowk-01 1. H.No 149/9, Vidhya Vihar -III, Dehradun- 01 2. Phase – I, DSDC Near Raj Rajeshwari Colony – 02	05	24.01.2022	ITS LABORATORY
		Plot No 1, Pathavi Bagh Chowk-01 Opp. Side Nissan Showroom Near Kargi Chowk, Dehradun-01 Kargi chowk-01			
4	Soil Quality	Under Progress	nil		
5.	Surface water quality	H.No 149/9, Vidhya Vihar -III, Dehradun- 01 Phase – I, DSDC Near Raj Rajeshwari Colony – 02	06	24.01.2022	ITS LABORATORY
		Plot No 1, Pathavi Bagh Chowk-01 Opp. Side Nissan Showroom Near Kargi Chowk, Dehradun-01			
		5. Kargi chowk-01			









BASELINE ENVIORNMENTAL MONITORING TEST REPORTS

1. Ambient Air Monitoring Reports



W. 05911159806.9305780312.09958849764,07210465834 Website: www.lislab.in. Email: contact@itslab.in, info@itslab.in, ifirclab@gmail.com An 190 9001: 2015, ISO 14001-2015, ISO 45001-2016 Curtified Laboratory)

TEST REPORT

Ambient Air Quality Report

Report Code: AAQ-240122-01

Issue Date: 28/01/2022

Issued To:

M/S. EMS INFRACON PVT. LTD.

C-88, RDC, Raj Nagar, Ghaziabad, (U.P.)-201002, India

SAMPLING & ANALYSIS DATA

Sample Drawn By

Date of Sampling

Sample Description

Sampling Location

Sampling Plan & Procedure

Analysis Duration

Sampling Instrument Used

Weather Condition

ITS Representative

22/01/2022

Ambient Air

H. No.- 149/9, Vidhya Vihar-HI, Dehradun

ITS/LAB/SOP-AAQ/08

24/01/2022 To 28/01/2022

Respirable Dust Sampler (PM ...) Fine Particulate

Sampler (PM2.) With Gaseous Attachment

Clear

TEST RESULT

S.No.	Parameter	Test Method	Results	Units	Limits as per Environment (Protection) Act
1.	Particulate Matter (PM _{tr})	15:5182 Part-XXIII	145.0	µg/m	100
2.	Porticulate Matter (PM _{2.1})	CPCB Volume - 1 / Gravimetric	76.0	μg/m	60
3.	Sulphur dioxide (as SO ₂)	15:5182 Part-II	15.4	pg/m	80
4.	Nitrogen dioxide (as NO ₁)	IS:5182 Part-VI	24.7	µg/m	80
5.	Carbon monoxide (as CO)	15:5182 Part-X	138	μg/m	4000
6	Lead(as Pb)	IS:5182 Part-XXII	<0.1	pg/m	1.0
7	Ozone (as Os)	1S:5182 Part-IX	21.5	pg/m	180
8	Benzene (as C ₂ H ₀)	IS:5182 Part-XI	BDL	pg/m*	5.0
9	Benzo (a) Pyrine	15:5182 Part-XI	BDL	ng/m	1.0
10	Ammonia (as NH ₃)	APHA-AIR402	<50.0	ρg/m	400
1.0	Nickel (as Ni)	APHA-AIR420	BDL	ng/m	20
12	Arsenic (as As)	APHA-AIR302	BDL	ng/m	6.0

Remarkt- BDL - Below Detection Limit.

CHECKED BY

AUTHORIZED SIGNATORY







2. Ambient Noise Monitoring Reports



Laboratory: A-91, Sector-80, Phone-2, Neida, Gautan Buth Nagar - 201301, (U.P.) M: 09941000000,0206786312,0905/648164,07210658634 Websita: www.italab.in, Email: contact@italab.in, info@italab.in, itirclab@gmail.com An ISO 9001: 2015, ISO 14001:2015, ISO 45001:2018 Centried Laboratory)

TEST REPORT

Noise Report

Report Code: N-240122-03

Issue Date: 28/01/2022

Issued To

M/S. EMS INFRACON PVT. LTD.

C-88, RDC, Raj Nagar, Ghaziabad, (U.P.)-201002, India

Sample Drawn On

Sample Drawn By

Sample Received On

Sample description Sampling Location

Sampling Duration

Analysis Duration

22/01/2022

Mr. Lakshmi Prasad (ITS)

24/01/2022

Ambient Noise

Plot No.- I. Pathavi Bagh Chowk

24 hours.

: 24/01/2022 To 28/01/2022

			RESULT	S			
5. No	Test Parameters	Results	Units	Requirement (as per CPCB Guideline Limits in dB (A) Leq			
	EQUIVALENT NOISE LEVEL (6.0 AM TO 10.0 PM)	52.7	dB(A)	Category of Area/Zone	Day Time	Night Time	
l.				Industrial Area	75	70	
	EQUIVALENT NOISE LEVEL (10.0 PM TO 6.0 AM)	42.1	dB(A)	Commercial Area	65	55	
2.				Residential Area	55	45	
				Silence Zone	50	40	





AUTHORIZED SIGNATORY

taboratory. 2. Samples will destroyed after 30 days from the dais of issue of the out Pan report about the communicates in writing within 7 days of this report.

















3. Ground Water Quality Report



ITS LABORATORY

Laboratory A-91, Sector-80, P1999-2, Notes, Calcium Bluth Mager - 2013/11, (6-7)
M. 98911801800, \$390750112, 19958649754,\$7270589639
Wilhelfe, www.tielab.in, Email: contact@fissistic.in, infe@gestab.in, thelain@gestal.com
AniSO 9001: 2015-100 14091 2818, 190 45601 2018 Certified Laboratory)

Report Code: W-240122-08 (Page 1 of 3)

Issue Date: 28/01/2022

TEST REPORT

Water Sample Analysis

Report Code: W-240122-08 Issued To

M/S. EMS INFRACON PVT. LTD.

C-88, RDC, Raj Nagar, Ghaziabad, (U.P.)-201002, India

Sample Received On Sample Drawn By Sample Description

: 24/01/2022 : ITS Representative : Ground Water

Sampling Location

: Opp. Side Nissan Showroom Near Kargi Chowk, Dehradun

Sample Drawn On Sample Quantity Weather Canditions

: 22/91/2022 : 2.0 Ltr. : Normal

Analysis Duration

± 24/01/2022 To 28/01/2022

Test Results

L. ORGANOLEPTIC & PHYSICAL PARAMETERS:

5.NO.	Parometer	Test method	Result	Unit	(Acceptable (Limit)	Permitsible Limit in absence of alternate source
1.	Calour	(8-3025(74-04)	*1.0	Hairen	3	15
2.	Oriour	15-1025(P-08)	Agreeable	4	Agreeable	Agromble
3.	Turbidity	15-3025(P-(0)	<1.0	NTU		5
4,	g81 value	1S-3025(P-04)	1.28	1.74	6.5-8.5	
5.	Yotal dissolve solid yTDS3	IS-3025(P-16)	527.4	mg/l	500	2900
. CE	NERAL PARAMETERS	CONCERNING ST	BSTANCES	UNDEST	RABLE IN EXC	ESSIVE AMOUNT
1.	Calcium (as Ca)	15: 3025 (P- 40)	107.2	mail	75	200
2	Chloride (at Cl)	38: 3025 (P-32)	40.0	mgil	250	1000
3,	Fluoride (a) Fp	35: 3025 (F-60):	-0.01	mgfl	1.0	1.5
4.	Free Residual Chlorine	38: 3025 (P-26)	+0.1	mgfl	0.2	1.0
5.	Iron (as Fc)	15: 3025(P-13)	*10.1	mg/i.	0.3	No Relaxation
6.	Migheilum (as mg)	15: 31(25 (P-46))	28.0	Pam	30.	100
7.	Nitrate (as NO-1	78: 3025 (P- 34)	5.3	mg@	45	No Relaxation
я.	Anienic sarface Deorgaets (as MBAS)	Annex K of IS- 13428	e6.1	mg/l	4.2	1-8
9,	Sulphase (as SO ₂)	15: 3025 (P-24)	49:0	mpf	299	400
10.	Sulphide (mr H-8)	15-3023 (P-29)	-0.05	mgft	0.05	No Relocation
11.	Allestinity (as CaCO ₁)	IS: 3025 (P-23)	398.0	mgi	290	500
12.	Total Hardness (as CuCO.)	28: 3023 (P-23)	364.0	mg5	200	600

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Tarmic & Conditions

3. Test reports are valid only for the samples tested in one laboratory 2. Samples will destroyed after 36 days from the date of issue of the test reports or less offserwise specified. 3. Any completely about this report should be communicated is writing within 7 days of this report.
3. Total statutes of our laboratory is limited to invoiced amount.











ITS LABORATORY

Listeratory A-01. Sector-80. Phase-Z. Rosta, Gostam Budh Nagur - 201101, (p. P)
M.: 0991165800,9305788312,9995848764,97219888634
Website: www.itslab.in, Email: contact@itslab.in, arto@itslab.in, itirolab@gmail.com
An ISO 9031: 2015, ISO 14001-2015, ISO 45001-2018 Cartifles Laboratory)

Report Code: W-240122-08 (Page 2 of 3)

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
12.	Aliminam (as Al)	IS: 3025 (P- 55)	-0.01	hgf	0:01	0.2
14,	Total Ammonia	45: 3025 (P- 34)	<0.1	med	0.5	No Religion
15.	Barium (as Bas	IS: 15302	<0.1.	Part.	0.7	No Religiation
16.	Boton (an it)	IS: 3025 (P+ 57)	<0.1	mail	0.5	1.0
17,	Chloramines (as Cl-)	(S: 3025 (P- 26)	<1.0	ng1	6.0	No Releasation
18.	Copper (as Cu)	IS: 3025 (P-42)	< 0.65	mg/L	0.05	1.5
19.	Mangarese (as Mn)	Clause 35 of 183025	÷9.1	regot.	0.1	0.3
20.	Mineral Oil	Clause 6 of IS 3025	<0.5	mg/l-	0.5	No Relaxation
21.	Selenium (as Se)	IS: 3025 (P- 56)	-mat	mg/f	0.01	No Relaxation
22.	Silver (as:Ag)	Annex J18: 13428	×0.05	mg/l	0.1	No Relexation
23.	Zinc (ai Zn)	IS: 3025 (P- 49)	*0.05	mg1	5.0	15
24.	Phenolic Compound ray C. H. Off)	15: 3025 (7-43)	<0.001	ng1	0.001	0.002
25.	Tate	15-3025(P-08 & 08)	Agrecable		Agreeable	

3. Parameters Concerning Toxic Substances:

S.NO.	Parameter	Test method	Result	Unit	Requirement (Acceptable Limit)	Permissible Limit in absence of alternate source
1.	Cadmium (as Cd)	25-3025(P-41)	< 0.001	mg/l	0.003	No Relocation
2.	Cyanide (as CN)	(S-3025(P-27)	< 0.01	mg/l	0.05	No Relaxation
3.	Lead (as Pb)	35-3025(9-47)	<0.01	mg/l	0.01	No Relaxation
4.	Mercury (as Fig.)	75-3025(P-48)	< 9.001	mg1	0.001	No Relocation
5.	Molybelenum (as Mrt)	18-3625(1-2)	<0.05	mu/l	0.07	No Relocation
6.	Nickel (as Ni)	Annex L of 3S= 13428	<0.01	mpf	0.02	No Reliaution
7.	Poly nucrear Aromatic	AFHA 6440	-10000.0>	mp1	0.0001	No Relocation
8	Poly chlorinated hiphesyl	APHA 6630	=H,0001	mg/l	0.0005	No Religiation
9.	Amenic (as As)	IS-302 (P-37)	<0.01	:mg/l	0.01	0.05
10.	Total Chronium (as Ces	Annex J of IS- 13428	<0.05	regit	0.05	No Relaxation
11.	Bromoform.	APIIA 6232	BDL	mg/l	0.01	No Relaxation
13.	Diffremochiuromethane	APRA 6232	BDL	ingl	0.01	No Bulanation
13.	Bronodichloromediane	APHA 6232	BDL.	162.7	0.01	No Reluxation
14	Chloreform	APHA 6232	BDL	mg/1	0.01	No Relaxation

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Terms & Considers

exports are halld anny for the number leasted in our leboratory. 2. Samples will destroyed whar 30 days from the date of lease of the least objects of the separation of the report.

Why of our taburatory is leasted to invoiced amount.









Laboratory A-91, Sector-60, Phase-2, Norda, Goutan Buth Nagar - 201301, (U.P.) M: 00911656803,5395780312,00958843764,37210888634

Website: www.ftslist in. Errori: contact@fislab.in. info@fislab.in, inrcleb@ginal.com An ISO 9001 2015, IBO 14801:2015, IBO 45301 2018 Certified Laboratory)

.NO.	Parameter	Test Method	Result	Unit	Limit (µg/l)	Permissible Limit in absence of alternate
1.	Alachior	USEPA-525.2	BDL	Tgu	20 mas	No Relevation
2	Airssine	1/SEPA-525.2	BDL.	Fau	2 may	No Relaxation
3	Aldrin	USEPA-508	BD4.	4.83	0.03 mm	No Relevation
4.	Dioldrin	USEPA-508	BD6.	rgu	0.03 max	No Relaxation
83	DDT (o.p.& p.p- isomers of DDT, DDE& DDD)	USEPA-508	BOIL	ug1	1.0max	No Relevation
6.	Endosulfan (s., β and Salphare)	USEPA-508	BDL	rgs.	6.4mas	No Relaxation
7.	Menscrotophos	USEPA-508	BDt.	Tase -	1.0msa	No Relection
8.	Elhion	USEPA-1657A	BDL.	agt	5.6 mus	No Rehastion
9.	Chlorpyriphos	USEPA-525.2	BD).	Fan	30 max	No Relaxation
10.	Phones:	LISEPA-325,2	BDL	197	2.0 max	No Kelasation
11.	2,4-Dichloropisenoxy Acetic acid	USEPA-515.1	BDL	ug/I	20 may	No Relaxation
12.	Butachlor	USEPA-8141A	BDL	Lgu.	125 max	No Relaxation
11.	Bioproturin	USEPA-532	BDL	rg/t	9.0max	No Relaxation
14.	Malethion	USEPA-8141A	BDL	ag1	190 max	No Relaxation
15:	Methyl pseathion	USEPA-8141A	BDL	Fasi	9.3 max	No Relaxation

5. MICROBIOLOGICAL REQUIREMENT:

		RESULTS		
5.No.	Parameter	Test Method	Results	Required as per 15-16:590:2012
1	Eschetichia coli	15-1622	Absent	Absent/250ml
2	Coliform Becterie	IS-1622	Absent	Absent/250ml

Remarks - BDL: Below Detection limit.

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complies will destroyed after 30 days from the date of issue of the test should be communicated in writing within 7 days of this report.









4.Surface Water Quality Report



Laboratory A.91, Sector-80, Phase-2, Nords, Gautsen Budh Weger - 201301, (U.P) M.: 09911659800,9305788312 09958849764,6721d868634 Wabsile: www.ttslab.in, Ertait corract@itslab.in, info@itslab.in, ittrclab@gmait.com An ISO 9901: 2015, ISO 14001:2015, ISO 45001:2016 Certified Laboratory)

TEST REPORT

Surface Water Sample Analysis Discipline/Group-Chemical/Water

Report Code: WW-020222-16

ISSUED TO

M/S. EMS INFRACON PVT. LTD.

C-88, RDC, Raj Nagar, Ghaziabad, (U.P.)-201002, India

Sample Drawn On

Sample Drawn By

Sample Description

Storpting Location

Sample Quantity Analysis Duration 31/01/2022

ITS Representative

Surface Water

Bindal Put, Dehradun, (U.K.)

2.0 Litre

02/02/2012 To 07/02/2022

			RESU	LTS							
S.No	Parameter	Test Method	Results	Units	Ti	Tolerance Limit as per 15:2296					
	THE STATE OF THE S	9301100000000		Curio	Cluss A	Class B	Class C	Class D	Class F		
1	pěl	IS:3025(Part-11)	7.43		6.5-8.5	6.5-8.5	65-85		6.5-8.5		
4	Temperature	IS:3025(Part-09)	14.8	110			-		412-010		
3	Turbidity	15:3025(Part-10)	1.5.0	NTU		-			-		
4	Conductivity \$25°C	IS:3025(Part-14)	264.0	us cm.	-	-	-	1000	2250		
5	Total Suspended Solid	15:3025(Part-17)	51.0	rog/l				1000	-		
6	Total Alkulinity (as CoCO ₂)	15:3025(Part-28)	119.0	mg/I			-	- 1	-		
7	Biological Oxygen Demand (Max.) (at 27°C for 3 days)	15:3025(Part-44)	6.2	mg/l	2	3	3		œ.		
8	Dissolved Oxygen (as O ₂) Min.	IS:3025(Part-38)	7.6	mg/l	6	5	4	4	-		
0	Calcium(as Ca)	IS:3025(Part-40)	32.0	mg/1	80	-	-	-			
10.	Magnesium(aa Mg)	18.3025(Part-46)	2.94	mg/l	24		-	-	-		

Contd. To report, WW-020221-16 (Page 1 of 2)

Essue Date: 07/02/2022

CHECKED BY



plies sexted in our laboratory, 2. Samples will destroyed after 30 days from the date of issue of the lest kny complaints about this report should be communicated in writing within 7 days of this report, and to involved anyone.











Liberstory: A-91, Sector-89, Phase-2, Noida, Goutem Burth Nager - 251301, (U.P) M.: 09911659804,9365780312,09958849764,07210888634 Websitz: www.tslab.in, Ernalt contact@tslab.in, info@tislab.in, kirclab@gmail.com An ISO 9091; 2015, ISO 14001;2015, ISO 45001;2016 Certified Laboratory)

No	Parameter T	est Method	Results		That.		- VI - VI		
+		As p	er 15 105	00:2812					
+	Free Antosonia (as NHs)	IS:3025(Paris34)	<0.1	mgi		-		1.2	
	(as CO ₁)	JS:3025(Part-61)	<0.5	mg/l			-	6	4
	Free Carbon Dinxide	18:3025(Part-37)	<0.01	mgT	0.05	0.3	0.2	4	15
9	Arsenic (as As)	ALTONOMIA MATERIAL PROPERTY OF THE PROPERTY OF	200101111						-
8	Chemical Oxygen. Demand (asO ₂)	1S-3025(Part- 58)	62.8	mg1		-	1.5		,
7	Copper (as Cu)	IS:3025(Pan-42)	<0.01	mg/l	1.5		0.1	+	
6	Lesd (as Pb)	IS:3025(Part-47)	<0.01	mg/l	0.1		0.01		
5	Cadmium (as Cd)	15-3025(Part-41)	<0.01	mul	0.01				
4	Nitrate (as NO ₂), Maos	18: 3025 (Part- 34)	1.79	mg/l	20		50	-	-
3	Potassium (as K)	IS:3025(Part-45)	<0.1	mig/l	12	-	15	+	
2	Zinc (as Zn)	IS:3025(Pan-49)	< 0.05	mg/I	15	0.05	0.05	-	
1	Total Chromiun (as Cr)	18:3025(Part-52)	<0.05	mgr	0.05	0.67		- 4	
0	Manganese (as Mn)	15:3025(Pan-59)	<0.1	ing/l	0.5		0.1	0.1	
0	Oil & Greave	15:3025(Part-39)	< 1.0	mg/l	1			1.4	
8	Sodium (as Na)	15:3025(Part-45)	1.84	mg/l					
7	Phosphate (as P)	18:3025(Part-31)	15.12	mg/l	400	+	400	-	10
10	(as CaCO ₂) Sulphate (as SO ₂)Max	18:3025(Part-28) 18:3025(Part-28)	92.0	mg/l	300	-			-
5	Total Dissolved Solid Total Hardness	IS:3025(Part-16)	168.0	Pgm	500		1500		2
4	Fluoride(as F),Max	1S:3025(Part-60)	<0.1	mg/3	1.5	1.5	1.5		
3	Inunias Fe), Mox	1S:3025(Part-53)	0.08	mg/l	0.3	-	50	1 2	1
12	Otlonderas Cl),Max	IS:3025(Part-32)	28.0	imp?	250	-	pert- WW-0		1 6

S.No	Paramoter	Test Method	Results	Units	Requirements
I.	E.Coli	fS:1622	Not Detected (<2)	ECol/100ml	Shall not be detectable in 100 ml sample
2	Total Coliform	IS:16:22	Absent	MPN/100ml	Shall not be detectable in 100 mil sample

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Terms 4 Conditions:

1 Test reports are valid only for the complex tented in our laboratory 2. Samples will destroyed after 20 days from the date of issue of the test reports unless otherwise operation. 1. Any comparint about this report should be communicated in writing within 7 days of this report.

4. Test institute of our behaviour is finited to beniced amount.









ANNEXURE 5:

BUDGET & COST ESTIMATION FOR ENVIRONMENT MANAGEMENT PLAN

The indicative budget for EMP implementation and monitoring includes physical environment parameters (air, water, noise) quality monitoring, training and capacity building activities, staffing requirement, health and safety of workers, administrative costs, and any unanticipated impacts.

The implementation costs of mitigation and monitoring measures are covered separately under civil work contract. The contractor will be responsible for implementing the mitigation measures given in EMP. PMU and PIU with the support from PMU Consultant (PMU-C), are responsible for monitoring the EMP implementation.

The cost associated with grievance redress mechanism (GRM) implementation will be borne by the Implementing Agency Le. UUSDA

The details of the cost given below

Sr. No	PARTICULAR	Amount (RS)
1	Mitigation Measures	2,500,000
2	Monitoring Measures	2,227,500
3	Capacity Building	200,000
4	Civil Works	4,956,000
5	Grievance Redressal and Public Disclosure Mechanism	860,000

TABLE: Cost Estimates to Implement EMP

S. N	Particulars	Stages	Unit	Total Number	Rate	Cost	Costs
0					(INR)	(INR)	Ву
A.	Mitigation Measures						
1	Compensatory plantation measures	Construction	lump sum			1,000,000	Civil works contract
2	Arrangement of resources for prevention of health risk from COVID 19 pandemic	Construction	lump sum	3#0		1,500,000	Civif works contract
	Subtotal (A)			1		2,500,000	
B.	Monitoring Measures**				1		
1	Air quality monitoring:	Pre- construction and construction	per sample	45	1450	652,500	Civil works contract
2	Noise levels monitoring	Pre- Construction and construction	Per sample	45	4500	202,500	Civil works contract
3	Ground Water Quality	Pre- Construction and construction	Per sample	45	1050 0	472,500	Civil works contract









4	Surface Water Quality	Pre- Construction and construction	Per sample	45	1000	450,000	Civil works contract
5	Soil Quality	Pre- construction and construction	Per sample	45	1000	450,000	Civil works contract
	Subtotal (B)		4			2,227,500	
C.	Capacity Building		8				
1	Introduction and sensitization to environment issues	Pre- construction	lump sum			50,000	PMU
2	EMP implementation	Construction	lump sum			100,000	PMU
3	Contractors Orientation to Workers on EMP implementation	Prior to dispatch to worksite	lump sum			50,000	Civil works contract
	Subtotal (C)					200,000	
).	Civil Works						
1	Water Sprinkling for dust suppression	Construction	Days	2160	1600	3,456,000	Civili works contract
2	Rainwater Harvesting for water conservation	Construction	Nos.	2	Lump Sum	1,000,000	Civil works contract
3	Provision for PPEs for labors and supervisory staff	Construction	lump sum			500,000	Civil works
	Subtotal (D)					4,956,000	
E.	Grievance Redressal and public disclosure Mechanism						
1	Grievance Redressal Mechanism Resolutions	Construction			Lump Sum	500000	Civil works contract
2	Public consultation (Lumpsum) 02 /Month	Construction	Month	72	5000	360000	Contract
	Sub Total (E)					860,000	
าก	Total (A+B+C+D+E)				INR	1,07,43,5	







ANNEXURE 6: TRAFFIC MANGEMENT PLAN (TMP)

Table: LIST OF MAIN ROADS OF THE PROJECT

Name Of Major Roads	Length of Road (M)	Width (M)	Traffic Density Low/ Medium/ High	Prop osed Trenc h Width (M)	Type s of Road s	TMP	Photographs
Yamu na Colon y main Road (from Gate No. 1 to Gate No. 2 via Ekta Bhaw an)	1000	5 to 7	Medium	0.625 to 1.5	PWD (BT)	Sewer line will be laid on one side of the road, ensuring sufficient right of way.	
Kali Mata Templ e to Patel Nagar Kotwa Ii Road	1350	4 to 6	High	0.625 to 2.0	Naga r Niga m (BT)	Closure of one side of the road and allow ROW to pedestri an and two- wheelers	
Patrib agh Chow k to Rajraj eshav ri Encla ve	1250	4 to 8	Medium	0.625 to 1.5	Naga r Niga m (BT)	Closure of one side of the road and allow ROW to pedestri an and two- wheelers	









Dehra khas Indust rial Road	700	4 to 6	Low	0.625 to 2.0	Naga r Niga m	Working on one side of road and giving ROW to vehicles.	
Variou s Branc h Lines	20000	2.5 to 6	Low	0.625 to 1.5	PWD/ Naga r Niga m (BT/C C/Tile	Working in parts and giving prior notice to residents about commen cement of work so that vehicle can we parked in near undistur bed roads.	









ANNEXURE 7:

Emergency Response Plan

For Major Plant Failure

Not applicable as STP is not in our scope of work

For Chemical Spills

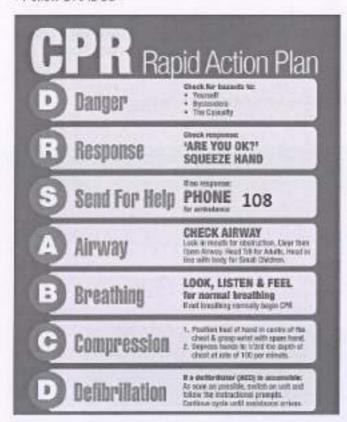
Bitumen Burns

Bitumen burns are not the same as heat burns and are to be always treated as per the bitumen burns card.

All workers working with bituminous materials are to be aware of the information contained on bitumen burns cards.

If a worker suffers a bitumen burn:

· Follow DRABCD



- · Cancel the source of the burn
- Cool the injured area immediately with water (preferably running water) until the bituminous material has hardened (cooling time will be affected by the temperature and thickness of the bitumen)
- Manage shock the first aider is to stay with the injured worker until relieved by the ambulance officer
- Call for an ambulance 108

imalory

Do not remove solid bituminous materials that have adhered to the skin.

Do not remove or cut away clothing over burnt areas - it may be stuck

Do not puncture blisters (could lead to infection)

Of the poly lotions, ointments, oils, butter, solvents or other substances to the injury site under any circumstances Remember, even burns no larger than a 20 cent coin require immediate medical attend







For Pollution

As per our tender conditions periodic environmental monitoring is to be conducted at regular intervals i.e one in each quarter

As per these reports if pollution is observed corrective measures will be taken like

- · Increasing frequency of spraying water in places where construction activity is ongoing
- Covering material like sand, dust etc while transporting
- Reinstatement of roads
- For Extreme Weather

Instances of extreme weather usually occurs in rainy season during this season works in which deep excavation are required will be halted all major roads will be made motorable by laying sub-base

For Natural Disaster

In case of any emergency all staff member will be directed to inform the following: -

NAME	DESIGNATION	AGENCY	CONTACT NO
Mr Shallendra Butt	Junior Engineer	PIU	9456583813
Mr Bharat Riamola	Project Manager	EMS	7351274019

Emergency Contact Numbers:











In case of medical emergency contact Dr. Baldey Verni

Dr. Baldev Verma B.A.M.S., M.D.U.

(A.M.A For Central Govt. Employees)

ph.Clinic:7579190090 9.00 a.m. to 1.00 p.m. 5.00 p.m. to 8.30 p.m. Timings

Date 4412

The Project Manager EMS infracon Put. Utd. Soi Baba Enclave THOC Dehrakhas Dehradun

Nome of work: Sewerage & Storm water Drainage system at THDC & Yamuna Colony (U.K) Subject: First Aid treatment to Sewerage poroject worker at clinic (OPD).

with due Respect I have to tell you that my clinic have all facilities regarding Minor surgenies g medical facilities in all despencies. diric have well equipped pathology of medical staff.

The people of your Company shall have no problem during treatment protocol.

Sunday Evening Closeu

M Thanking you Clinic: 77, Gobind Garh, Dehra Dun-248001 Phone: 0135-253407DT. Baffett A-efili.
Resi: 19/7, Prakash Nagar, Idgah IInd, Dehra Dun, Phone: 0122-2020. R & M S /M.D.L









We will Provide the office of Grievance Redress Mechanism at Sai Baba Enclave, THDC Colony, Dehradun (Uttarakhand). And also Put down the Grievance Register in the EMS office. Grievance Register officer name is

Name - Aqueel Manzar

Email - grievancesthdcandyc@gmail.com

And also making grievance committee and committee member name is

- 1. Mr. Bharat Ramola PM
- 2. Mr. Yunus Ali- EHS Supervisor
- 3. Mr. Aqueel Manzar- EHS Officer

This committee Member Resolve any types of grievance with in 2-3 working days.

It is suggested for each PIU to have a dedicated WhatsApp group for registration of grievances and receipt of quick feedback, to be followed by more formal communication. And Project contractors will have a tollfree number with specific working hours for registration of grievances related to UUDP.

Grievance Redress Process

Grievances of affected persons will first be brought to the attention of the Community. Awareness and Public Participation Agency (CAPPA), and PIU. Grievances not redressed will be brought to the Town Level Committees (TLC) set up to monitor project implementation in each town. The TLC, acting as a grievance redress committee (GRC) is chaired by the Mayors or Chairpersons with representatives of ward members, the District Magistrate, Commissioner, Uttarakhand PeyJal Nigam (UPJN), Uttarakhand Jal Sansthan (UJS), Public Works Department (PWD), business, and civil society. As a GRC, the TLC will meet every month (if grievances are brought to the Committee), determine the merit of each grievance, and resolve grievances within a month of receiving the complaint. This will accept complaints regarding the social safeguard issues in implementation of the project. The grievances received and actions taken will be included into the environmental monitoring reports submitted to ADB. The following 4-stage process will be followed in grievance redress:

- (i) 1st level grievance: Complaints received (written or oral communication) will be registered in Complaint Register assigning complaint number with date of receipt The PMDSC/PIU will review the complaint and direct the Contractor for necessary action; depending on the type/nature of complaint the Contractor will be given reasonable time for corrective action; the CAPPA will inform the complainant, within 24 hours, the time frame in which the corrective action will be taken by e-mail or telephonically; if the grievance referred will not fall under the purview of the project/program, the same will be intimated to the complainant; Contractor will take corrective action or as directed by PMDSC; the CAPPA in coordination with PMDSC will conduct the site visit to check the action taken and its appropriateness. The action taken will be documented in the Complaint Register, and the complaint will be closed if it is satisfactorily addressed (within 7 days of receipt of compliance/grievance) and the complainant will be informed through e-mail/telephonically.
- (ii) 2nd level grievance: In case of no satisfactory action in Level-1, the complainant can approach PMU/PMDSC for necessary action; CAPPA will assist the complainant in doing so. PMU with the assistance of PMDSC will

initiate action and take the corrective measures as required, and CAPPA will intimate the complainant about the action taken; and Upon satisfaction of complainant, the case will be closed and marked as resolved within 15 days of

receipt of compliance/grievance

(iii) 3rd level grievance: if complainant would be non-satisfied with the action made or due to noncompliance of grievance at Level 2, the complainant can approach the Grievance Redress Committee (maximum 7 days)

ANNEXURE 9: DUMPING SITE







Debris disposal. Prior to the commencement of works, contractor shall identify a debris disposal site in consultation with the PIU and DSC consultants. We will follow all the prescribed rules during construction and adhering to following criteria: (including but not limited to)

- (i) The site shall be selected preferably from barren, infertile lands. In case agricultural land needs to be selected, top-soil stripping, stacking and preservation should be undertaken prior to initiation of any activities.
- (ii) Debris disposal site shall be at least 200 m away from surface water bodies.
- (iii) No residential areas shall be located within 100 m downwind side of the site.
- (iv) The site is minimum 250 m. away from sensitive locations like hospitals, religious places, ponds/lakes or other water bodies.
- (v) The local governing body and community shall be consulted while selecting the site.
- (vi) Extreme care will be taken to avoid disposals near forest areas, water bodies, swamps or in areas which will inconvenience the community.
- (vii) Material stockpiles will be protected by bunds during the monsoon season to prevent silt runoff into drains.

The subproject is likely to generate soil from excavations, which needs to be disposed of safely. The following measures should be considered for disposal of surplus and/or waste soil:

- The excavated soil should be removed from construction area at the earliest for beneficial reuse such as land raising / filling of excavated areas.
- Soil should be covered with tarpaulin sheets during the transportation.
- Soil transportation should not be done during the peak hours and should avoid narrow and heavy traffic routes and important religious or tourist sites

The material obtained from the excavation of roadway, shoulders, verges, drains, treches, cross drainage works etc., shall be used for filling up of

- i) Roadway embankment
- ii) The existing is in the right of way
- iii) For landscaping of the road as directed by the engineer, including leveling and spreading with all lifts and lead upto 100 mm.

All the hard materials, such as hard moorum, rubble, etc., not intended for use as above shall be stacked neatly on specified land (dumping site).

Dumping site photograph at THDC











ANNEXURE 10: WASTE MANGEMENT PLAN

Types of waste genrated on site Construction and Demolition Debris.

- Dismelted BT road
- Dismelted CC road
- Dismelted CC Tiles

Household Waste (HHW)

- Dry
- Wet

Construction and Demolition Debris

Temporary Material removed on dismantling of road will be stored at our labor camp in Yamuna colony and then shifted to Sishambada.



Household Hazardous Waste (HHW)



According to the "Dehradun Nagar Nigam (DNN)" the city on an average, generates about 200 MT of MSW per day. The assessment is based on the assumption of per capita generation at 0.4kg/capita/day. Besides domestic, other major sources of MSW generation of the city are shops and commercial establishments, hotels and restaurants and fruit and vegetable markets. The DDN is responsible for solid waste management including collection, transportation and safe disposal. Waste is collected through community bins, and the DDN also introduced door-to-door waste collection in part of the city. Street sweeping is carried out regularly. Collected waste is transported to the disposal site at







Sishambada and Lakhani, where waste is disposed in trenches and covered with soil.

Arrangement made to store dry and waste household waste in different bins which will be regularly disposed of by Dehradun Nagar Nigam (DNN)











ANNEXURE11: SAFEGUARD ACTIVITIES INCLUDING COVID 19

EHS Plan for COVID Management at Construction Work Site

For

Package Title: Sewerage and Storm Water Drainage System Development in Tehri Hydro Development Corporation and Yamuna Colonies Package Number: WW-DDN-01



Queenful



COVID -19







Document Detail and Control:

Rev 00		Date	Date		
	Department / Designation	Name	Signature		
Prepared by Safety/EHS Officer		Mr. Aqueel Man	Izar (Alen		
Reviewed by	QA/QC Site Engineer	Mr. Pranav Ras	togi Jamely Joh		
Accepted by (PMC) Approved by Client (UUSDA)					

Resumption of works planned to starts on: 12.04.2022.









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- Annexure 3: IEC Posters for using at site









INTRODUCTION:

In January 2020, the World Health Organization (WHO) declare the outbreak of a new Corona Virus Disease (COVID-19) in China to be a Public Health Emergency of international concern.WHO and public health authorities around the world are taking action to contain the COVID-19 outbreak. However, long term success is only possible when all section of the society including construction workplace show their responsibilities to stop spreading of this disease.

This document gives advice on:

- General instruction to follow to prevent the spread of COVID-19 in construction workplace
- 2. Detail (step-by-step) work procedure to getting the workplace ready under COVID-19 situation
- 3. Worksite prevention practice
- 4. Precaution taken at workmen habitat
- 5. Control measures taken for deploying new workmen at site

II. SCOPE & OBJECTIVE :

This document is not intended to replace any formalized procedures currently in place for the Contractor. Where this guideline does not meet or exceed the standards put forth by the Contractor, the Contractor shall abide by the most stringent procedure available.

The purpose of this Standard Operating Procedure (SOP) is to manage the risks, which could arise from exposure to COVID-19 when restarting/resuming projects & site activities post COVID 19 lock down.

III. REFERENCE DOCUMENTS:

a IMS manual - IM- 09- A

Environment Health and Safety Integrated Management System Manual Conforming to ISO 14001:2015 and ISO 45001:2018

- Govt. of India Ministry of Home Affairs circular order dated 15-04-2020, No.40-3/2020-DM-I(A).
- Management Standard Operating Procedure (SoP) for Work Resumption dated on 20th April 2020.

IV. GENERAL INSTRUCTION TO FOLLOW:

- Non-essential physical work that requires close contact between workers should not be carried out
- · Work requiring skin to skin contact should not be carried out
- Plan all other work to minimize contact between workers
- Wash hands often with soap for at least 20 seconds
- · Use hand sanitizer
- No person should enter the work site other than the authorized persons mentioned by





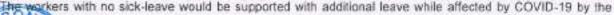




supervisor during start of work

- All must implement social distancing by maintaining a minimum distance of 6-feet from others at all times to eliminate the potential of cross contamination.
- Avoid face to face meetings critical situations requiring in-person discussion must follow social distancing
- Conduct all meetings via conference calls, if possible. Do not convene meetings of more than 10 people. Recommend use of cell phones, texting, web meeting sites and conference calls for project discussion
- · All individual work group meetings/ talks should follow social distancing
- At each job briefing/toolbox talk, employees are asked if they are experiencing any symptoms, and are sent home if they are
- Each worksite should have laminated COVID-19 safety guidelines and hand washing instructions
- All restroom/toilet facilities should be cleaned, and hand washing facility must be provided with soap, hand sanitizer and paper towels
- All surfaces should be regularly cleaned, including tabletops /surfaces, door handles, laptops, records, etc.
- All common areas and meeting areas are to be regularly cleaned and disinfected at least once a day but preferably twice a day
- Be sure to use your own water bottle, and do not share
- To avoid external contamination, we recommend everyone bring food from home
- Please maintain Social Distancing separation during breaks and lunch.
- Cover coughing or sneezing with a tissue, then throw the tissue in the trash and wash hands, if
 no tissue is available then cough /sneeze into your upper sleeves or elbow. Do not cough or
 sneeze into your hands.
- Clean your hands after coughing or sneezing thoroughly by using soap and water (minimum for 20 seconds). If soap and water are not available, please use a hand sanitizer. The Contractor shall ensure adequate quantities of sanitizer and soap are made available at all locations including site offices, meeting rooms, corridors, washrooms /toilets, etc. as appropriate.
- · Avoid touching eyes, nose, and mouth with your hands
- To avoid sharing germs, please clean up after yourself. DO NOT make others responsible for moving, unpacking, and packing up your personal belongings
- If you or a family member is feeling ill, stay home!²
- · Work schedules are adjusted to provide time for proper cleaning and disinfecting as required.

Social distancing may not be practical for undertaking certain specific activities within the workplace. It is therefore important to review the work method statements for these types of activities to assess impact and how to find safe ways of doing in line with best available guidance.











Contractor. The workers who must stay home because of COVID19 affected family member(s), the Contractor shall pay for the days for staying away from the work.



V DETAILED STEP-BY-STEP SEQUENCE OF ACTIVITIES AND TASKS INVOLVED IN PERFORMING THE TASK: (WORK PROCEDURE)

Step 1: Self-Declaration by Persons/Labour Prior to Work:

Prior to starting a work, each labour /worker will self-attest to the supervisor.









- No signs of COVID-19 symptoms within the past 24 hours.
- No contact with an individual diagnosed with COVID-19. (contact means living with a positive person, being within 6 ft of positive person OR sharing things of positive person)
- Not undergone quarantine or isolation (in case of any labour/worker who has been quarantined or isolated previously, the engagement shall be only after obtaining the requisite clearance from trained and registered medical practitioner)

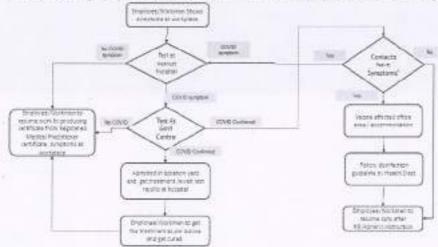
The engagement of workers falling in the high-risk category such as workers over the age of 55 years, with underlying medical conditions or health issues, etc. should be done only after obtaining the requisite clearance from trained and registered medical practitioners.

The self-attestation would be verified in collaboration with trained and registered medical practitioners deployed at site through discussions with laborers /workers and/or preliminary checks such as temperature checks, etc. prior to their engagement at site.

In addition, we will mandatorily follow all medical test requirements for the workers prior to their engagement and/or mobilization at site as per the guidelines issued by the Central and State government agencies and WHO from time to time.

Persons/Workmen showing COVID-19 symptoms or not providing self-attestation shall be directed to leave the work site and report to the fever clinic/quarantinecenter immediately. Workman not to return to the work site until cleared by fever clinic/quarantine center.

Step 2: Emergency Response Plan in case of case of COVID 19 Exposure:



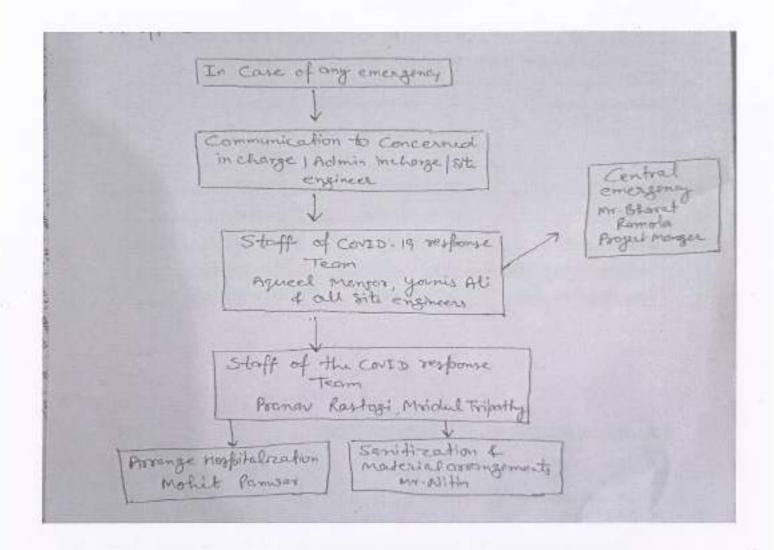








Step 3: Emergency Response Team (Site-specific):













Individual/s in charge & responsible of Covid-19 Response Team (CRT Members):

S.No.	Position	Name Of Person	Remark	
1.	Project manager	Mr. Bharat Ramola	Mobilized	
2.	Construction Manager/ senior Engineer	Mr. Gaurav Lamba	Mobilized	
3. Site/QA-QC Engineer		iii) Mr. Pranav Rastogi iv) Mr. Durvesh Kumar	Mobilized Mobilized	
4.	Hydraulic Engineer	Mr. Sumit Chauhan	Mobilized	
5.	Safety/EHS officer	Mr. Aqueel Manzar	Mobilized	
6.	EHS Supervisor	Mr. Yunus Ali	Mobilized	
7	Trenchless Technology Expert	Mr. Sadique Chauhan	To be Mobilized	
8.	Social and Gender officer	Mr. Shailendra Bhatt	JE-PIU(Mobilized)	

Step 4: Identification of COVID-19 TYPICAL SYMPTOMS:

- Fever
- Cough
- · Shortness of Breath
- Sore Throat

Contact immediately the emergency response team in case of onset of even mild symptoms like fever, cough, malaise, sore throat without shortness of breath among any worker.

What to do if any workman shows symptoms of COVID-19 at site location:

- Report the information to Section in charge and IR & Admin department immediately.
- Quarantine the suspect from others & follow the steps defined above to handle suspect shows

Step 5: PRINCIPLES OF WORKERS PROTECTION:

Consistently practice social distancing.









- Ensuring PPE
- · Maintain hand hygiene,
- Clean surfaces frequently

Step 6: Precaution for Persons/Laborers Reporting to Work:

- IF SICK, STAY HOME!
- IF SICK, GO HOME!
- IF SOMEONE SICK, SEND THEM HOME!

All persons at the worksite should have their temperature screened with Infrared Thermometer (handheld non-contact).

Step 7: Identification of Staff & workmen at high risk:

- Wearing mask is mandatory for each employee/staff/workmen/client & consultant.
- · Individuals with other comorbid conditions such as diabetics, blood pressure, renal ailments
- · etc. are at high risk from COVID 19 infection.
- Hence, new workmen who falls in the above category shall not be deployed.
- Staff with the above conditions shall be instructed to take additional care & precautions from COVID 19.
- In addition to the precautions taken by other staff members, they shall consult a doctor and follow the precautions as per his advice.

















Step 8: How to manage the risks due to COVID-19 during meetings:

Before the meeting:

- · Consider whether a face-to-face meeting or event is needed, plan for an online meeting using
- MS teams, skype, or other mediums, or simply conference call.
- If the above step is not feasible, restrict the number participants with important people.
- Ensure sufficient supplies and materials, including tissues and hand sanitizer for all
- · participants. Have surgical masks available to offer anyone who develops respiratory
- symptoms.
- Advise participants in advance that if they have any symptoms or feel unwell, they should not attend.

During and after the meeting:

- · Avoid handshake and practice ways to say hello without touching
- . Encourage regular hand washing or use of an alcohol rub by all participants at the meeting
- Encourage participants to cover their face with the bend of their elbow or a tissue if they cough
 or sneeze. Supply tissues and closed bins to dispose of them.
- Ensure everyone knows the location of alcohol-based hand rub.
- · Arrange seats in such a manner so that participants are at least one meter apart to ensure
- · social distancing is maintained.
- Open windows and doors whenever possible to make sure the venue is well ventilated.
- Soon after the meeting, the area shall be dis-infected, and dustbins shall be cleared.

Step 9: How to ensure controlled access inside project site & workmen habitat:

- First, avoid recruitment of new workmen at site. If required, take the approval from PM for
- · deployment of new workmen.
- · Avoiding entry of new workmen from known hotspots of COVID 19.
- Allocate separate rooms for the new workmen in the workmen habitat.
- Ensure regular interval doctor visits to workmen habitat.
- Ensure Medical check-up by doctor.
- Use Contact less thermal scanning.

Step 10: Disinfection at workplaces and offices:

- . Ensure hand sanitizers are kept ready at the entrance of office & people after entry shall
- · sanitize their hands before proceeding to their work spots.
- Maintain regular housekeeping practices in offices & workplaces.
- · Follow the manufacturer's instructions for use of all cleaning and disinfection products.
- Focusing disinfection efforts on frequently touched surfaces such as handrails, door
- handles, etc.,
- Conference rooms shall be disinfected before and after the meeting.
- · Dining area shall be disinfected before and after the dinging hours.
- Closed dust bin with inner cover shall be provided at all site office for disposing of usedmask.
- V. WORK-SITE PREVENTION PRACTICES:

On day 0, before resuming the work on site post lockdown period, mandatory medical check-







up will be arranged for all workers. Only medically fit workers will be deployed at site and medical assistance will be arranged for unfit workers. Medical check-up camp should be arranged every month.

 At the start of each shift, confirm with all employees that they are healthy and inform all workers of reusable and disposable PPE.

Outside person should be strictly prohibited at worksite

All construction workers will be required to wear cut-resistant gloves or the equivalent.

- Use of eye protection (reusable safety goggles/face shields) is recommended. The supply of eye protection equipment to the workers is considered as a standard part of PPE during construction works.
- In work conditions where required social distancing is impossible to achieve, such employees shall be supplied with standard face mask, gloves, and eye protection.
- All employees shall drive to work site in a single occupant vehicle. Staff shall not ride together in the same vehicle
- When entering a machine or vehicle which you are not sure you were the last person to enter, make sure that you wipe down the interior and door handles with disinfectant (with 1% sodium hypochlorite solution daily) prior to entry. Adequate quantity of the disinfectant shall be provided by the Contractor at all such site-specific locations.
- Workers should maintain separation of 6' from each other.
- Multi person activities will be limited where feasible (two persons lifting activities)
- gathering places on the site such as sheds and/or break areas will be eliminated, and instead small break areas will be used with seating limited to ensure social distancing.
- Contact the cleaning person of the worksite and ensure proper COVID-19 sanitation processes. Increase cleaning/disinfection visits to at least 2 times a day. Cleaning person(s) to be provided with gloves, gown and face mask for each cycle of cleaning. The Contractor shall make available adequate supply of PPE and chemicals while the threat of COVID-19 continues.
- Clean all high contact surfaces a minimum of twice a day in order to minimize the spread of germs in areas that people touch frequently. This includes but is not limited to desks, laptops and vehicles
- Maintain your good health by getting adequate sleep; eating a balanced, healthy diet, avoid alcohol; and consume plenty of fluids.
- Continuation of works in construction project with workers available on site and no workers to be brought in from outside
- The site offices shall have adequate ventilation. The air conditioning or ventilation systems installed at the site offices would have high-efficiency air filters to reduce the risk of infection. The frequency of air changes may be increased for areas where close personal proximity cannot be fully prevented such as control rooms, elevators, waiting rooms, etc.
- The Contractor shall carry out contactless temperature checks for the workers prior to site entrance, during working hours and after site works to identify persons showing signs of being unwell with the COVID-19 symptoms









Guidance on preparing workplaces for COVID 19

Recommendations and descriptions of mandatory safety and health standards (based on the United States' Occupational Safety and Health Act of 1970), Advisory only identifies four categories of risk (low, medium, high, very high) depending on proximity to the people infected with the virus and recommends taking different level of precautions in the areas of engineering Control, administrative control, and personal protective equipment (PPE).

PIU/PMU DSC DBOC Office	The following guidelines to reduce the risk of COVID-19 followed by PIU/PMU, DSC, DBOC are as follows:				
Office	1)Washing hand is done frequently with soap and water or a hand sanitizer 2)Without mask no entry is allowed in the office premises. 3)Provide Information about Covid at office to create a safe and healthy workplace for employees and clients by assessing the hazards to which workers may be assessed evaluate the risk of exposure and select, implement, and ensure workers use controls to prevent exposure. 4) Maintain the Employee Health & Safety records including Employee medical files. 5) Practicing social distancing, maintain a distance of at least I meter from people who have issues of cough or sneezing. 6) Monitor temperature with cleaned thermometers and disinfected after each screened employee, oxygen level of Employees are checked regularly. 7) Clean and disinfect frequently touched objects and surfaces like tables, doorknobs, desks, phones, keyboards, toilets etc. by using sodium hypochlorite (01%) or with any appropriate chemical disinfectant. 8) Employees are vaccinated including first and second dose. 9) There are regular updates about the risk of Covid -19 by providing training to all the workers of office. 10) Follow the rules and regulations as per the norms of Ultrakhand, State as well as Centre. 11) Workers showing symptoms of illness due to Covid are not allowed to enter office premises. Provide adequate leave to such				
	workers and by protecting their salary. 12) The action plan and preventive measures are regularly updated as per Covid guidelines.				









WASHING FACILITY:

- · All worksites should have access to toilet and hand washing facility.
- Providing hand cleaning facilities at entrances and exits. This should be soap and water wherever possible or hand sanitizer if water is not available
- Washing facility with hot water, and soap at fire hydrants or other water sources to be used for frequent handwashing for all onsite employees
- All onsite workers must help to maintain and keep stations clean
- If a worker notices soap or towels are running low or out, immediately notify supervisors
- Garbage bins will be placed next to the hand wash facility for discarding of used tissues/towels
 with regular removal and disposal facility (end of each day)

CLEANING PROCEDURES:

Increase cleaning/disinfection visits to at least 2 times a day. Cleaning person(s) to be provided with gloves, gown, and face mask for each cycle of cleaning.

Each worksite should have enhanced cleaning and disinfection procedures that are posted and shared including sheds, gates, equipment, vehicles, etc. and shall be posted at all entry points to the sites, and throughout the project site. These include common areas and high touch points like

- Taps and washing facilities
- · Toilet flush and seats
- Door handles and push plates
- Handrails on staircases and corridors
- · Lift and hoist controls
- · Machinery and equipment controls
- Food preparation and eating surfaces
- · Telephone equipment / mobiles
- · Keyboards, photocopiers, and other office equipment

Re-usable PPE should be thoroughly cleaned after use and not shared between

workers. LEVERAGING DIGITAL TECHNOLOGIES:

- Digital apps such as VIEW EHS, WISA & Other productivity apps shall be religiously used to track the movement of workmen, induction of new workmen and hours of work.
- VIEW EHS shall be used to obtain Safe Execution Card for each and every activity.
- Permit toWork shall be obtained before continuing with any major critical activity.
- Regular training shall be delivered using digital means such as Microsoft Teams and Induction Videos to raise awareness among workmen regarding personal hygiene.
- Use Digital Dashboards to conduct reviews of work progress through virtual meetings and Digital DPRs.
- Avoid forwarding misleading or unverified messages to staffs & Workmen, which may lead to serious reach hazards or psychological impacts.







VI. PRECAUTION TO BE TAKEN AT WORKMEN HABITAT/ LABOUR CAMP:

- Masks (homemade3 can be thought of) to be provided to all the persons/Workmen for use at the camp site as well as at the worksite. Increase cleaning/disinfection visits to at least 2 times a day. Cleaning person(s) to be provided with disposable gloves, gown, and face mask for each cycle of cleaning.
- All shall be advised to wear mask always while at colony, movement outside and during duty timings.
- · Regular Health monitoring drives shall be conducted at habitat camps.
- Pictorial posters in local language shall be placed across the workmen habitat to create awareness on maintaining self – hygiene and respiratory hygiene.
- · Vehicle shall be kept ready or tip up for vehicle shall be made for emergency purpose.
- Minimum social distancing shall be ensured in keeping occupants in a single room.
- . Disinfecting spray done at all the areas of colony after workers are left for work daily
- Regular inspection of Workmen Habitat shall be done by HR(W), Admin & IR, EHSO and Project Manager and details of visit shall be recorded.
- Display the Emergency Contact Nos in the Workmen Habitat and also the COVID-19 Helpline nos.
- · Daily screening and health check of the cooks and helpers at the guest houses and camps.
- Special care shall be given to fomites (objects, places, utensils that are bound to be touched by staffs) such as doorknobs, handles, hand railings etc. during disinfection
- Dedicated hand washing facilities with soap shall be kept at conspicuous locations in the workmen habitat with sign boards for DO's and DON'T's in hand washing.









Toilet Facility:

- Restrict the number of people using toilet facility at any one time e.g. appoint one welfare attendant among the labours.
- · Wash hands before and after using the facilities
- Enhance the cleaning regimes for toilet facilities particularly door handles, locks and the toilet flush
- Portable toilets should be avoided wherever possible, but where in use these should be cleaned and emptied more frequently
- · Provide suitable and sufficient rubbish bins for hand towels with regular removal and disposal.

Eating Area:

- Provide a means of heating food and making hot water, these are exceptional circumstances and where it is not possible to introduce a means of keeping equipment clean between uses, etc. must be removed from use.
- Contractor to arrange all daily need items and grocery at site itself and no worker can go to shops for daily need items.
- · Dedicated eating areas should be identified on camp to reduce food waste and contamination
- · Break times should always be staggered to reduce congestion and contact
- Hand cleaning facilities or hand sanitizer should be available at the entrance of any room where people eat and should be used by workers when entering and leaving the area
- · Workers should sit 2 meters apart from each other whilst eating and avoid all contact
- · Where catering is provided on camp, it should provide pre-prepared and wrapped food only
 - Payments should be taken by contactless options wherever possible
 - Crockery, eating utensils, cups etc. should not be used
- Drinking water should be provided with enhanced cleaning measures of the tap mechanism introduced
- · Tables should be cleaned between each use
- All rubbish should be put straight in the bin and not left for someone else to clear up; only
 covered pedal operated bins should be used and the bins should be cleared and cleaned
 regularly with strict adherence to safety protocols for disposal and hygiene maintenance
 (including proper PPE's such as gloves, mask and apron worn by the waste handler/cleaner
 and disposal at a designated place);
- All areas used for eating must be thoroughly cleaned at the end of each break and shift, including chairs, door handles, etc.

Changing Facilities, Showers and Drying Areas:

- Always introduce staggered start and finish times to reduce congestion and contact
- Introduce enhanced cleaning of all facilities throughout the day and at the end of each day
- Consider increasing the number or size of facilities available on camp if possible
- Based on the size of each facility, determine how many people can use it at any one time to maintain two meters
- Provide suitable and sufficient garbage bins in these areas with regular removal and disposal.























VII. ADDITIONAL CONTROL MEASURES TAKEN FOR DEPLOYING ANY NEW WORKMEN AT SITE:

Screening:

Apart from the regular information collected during the screening process, additional self – declaration form (refer annexure-2) shall be obtained to identify the COVID-19 risk level of workmen.

This information shall include:

- · Place of his latest stay (to identify whether, it is a hotspot)
- Contact with any confirmed or suspected COVID 19 individual
- · Contact with persons who have a travel history to hot spots
- · Whether they have any symptoms for COVID 19

Medical Check-up by Doctor:

- · All workmen shall be subjected to stringent medical check-up by the medical practitioner
- before allowing for EHS Induction.
- The doctor shall consider the additional information provided by the workmen in the
- · screening, while checking the workmen.

EHS Induction:

- Number of workmen participating in EHS Induction shall be restricted to maintain the
- social distance during training.
- . In addition to the regular EHS induction, workmen will be trained on COVID 19 risks and
- the precautionary measures, covering the following topics:
- Symptoms of COVID 19
- How virus spreads
- Importance of maintaining social distancing
- Importance and DO's and DON'T's of hand washing
- Overview of the precautionary measure taken at site for COVID 19
- Roles & Responsibility of workmen specific to the precautions towards COVID 19
- · Reporting in case of symptoms like Flu









Training & Awareness:

 All the staff members, ERT Members, Supervisor & all workmen shall be trained specific to COVID 19 risks and controls measures through regular interval CWT (contractor workmen training), Site specific Trainings & daily PEP talks.



Setting up Quarantine at site quest house or Workmen Habitat:

Quarantine refers to separation of individuals who are not yet ill but have been exposed to COVID-19 and therefore have a potential to become ill. There will be voluntary home quarrantine of contacts of suspect /confirmed cases to prevent community transmission

Guidelines for setting up home guarantine:

- Allocate a separate room with adequate ventilation at Workmen habitat/ Guest house. Other staffs & Workmen should stay in another room or should be separated from the returnee.
- Maintain at least one-meter distance from staff & workmen.
- The room shall be equipped with separate toilets, washroom, and cleaning facility. In case it is not possible, cleaning of taps, doorknobs and utensils with soap and water are a requirement after every use.
- Minimize visitors to the guest house, the returnee should not interact with any visitors.
- Frequent hand washing with soap and water for at least 20 seconds at a time and maintain alcohol-based hand hygiene in instances where hand washing facilities are inadequate
- · Avoid touching eyes, nose, and mouth with unwashed hand
- The home quarantined person shall monitor body temperature using a thermometer twice a day. If he/she develops fever, cough, difficulty in breathing, sore throat, body aches and pain, including flu like symptoms, immediately inform nearby local authorities.
- After use, disposable facemasks and gloves should be properly discarded without reuse, preferably in a closed container.
- Assign separate dishes, drinking glasses, cups, eating utensils, towels, bedding, and other items for the quarantined person
- . Used utensils, bed linen and clothes should be washed with soap and water.
- Transportation of suspected individual shall be arranged through emergency or ambulance vehicle only.
- To avoid any social stigma, the name of the suspected staffs shall not be declared or mentioned in any public forum.
- Provide moral support and motivation to the quarantine or suspected people. Encourage them
 to participate in online trainings, quizzes & other recreational activities.
- Encourage them to be continuous touch with family & friends through phones, laptops, social media etc.











VIII. PLAN THE RESOURCES REQUIRED:

Resources required specifically managing the COVID 19 risk shall be identified, planned, procured, and made available at site in adequate quantities. The resources which are required to manage COVID 19 risks may include:

- Thermal scanners.
- Contactless attendance system.
- · Liquid Soap & Hand washing arrangement at site in workmen habitat
- · Team for cleaning & disinfection.
- Nose masks for teams who are screening workmen, conducting medical checkup & disinfection.
- Hand gloves for teams who are screening workmen, conducting medical checkup & disinfection.
- Quarantine Facilities for accommodating symptomatic workmen.
- · Additional rest areas at sites and dining spaces in Workmen habitat
- Ensure availability of Ambulance equipped with all necessary items like nose masks, first aid kits, aprons, disinfect solutions etc.
- First aid kits with hand sanitizers and hand wash liquids shall be mandatory available in all the vehicle without any lapses.

COVID19 Special PPE's:

Surgical mask (Fold, tie, wrap) – Change the mask after six hours or as soon as they become wet. Since it is a disposable type mask, cannot be disinfected or reused after one single use. It should be removed chin upwards and please take care to remove it from the strings and be careful not to touch the front portion while taking off the mask. After taking the mask off, please fold it half inwards, such that droplets from mouth and nose are not exposed. Then, fold the mask into another half, until it looks like a roll. The mask can also be wrapped with its ear loops so that it will not unravel. Then wrap the mask in a tissue paper or polythene bag and immediately discard it in the Yellow bag. Keep the things handy before disposing it off.









Reusable Mask/Washable Face Cover - A face cover is good

method for maintaining personal hygiene. A pair of face cover shall be made available so as to use one while another can be washed. Used face cover should be kept safely, washed regularly and properly with soap solution and dried properly before they are reused. Hand sanitization shall be done before putting the cover on and after removal. This type of mask/cover is only suitable for people who are not suffering from any medical condition including breathing difficulty.

Hand Gloves – Outside of gloves should be considered contaminated. Using a gloved hand, grasp the palm area of the other gloved hand and peel off first glove. Hold removed glove in gloved hand. Slide fingers of naked hand under remaining glove at wrist and peel off second glove over first glove. Discard gloves in a Yellow bag.
Note:

- Sharing/exchanging of any kind of PPE is strictly prohibited.
- PPEs including face cover shall not be used in any way and shall be kept clean.
- All PPEs shall be replaced if user comes in contact with any sick person or person showing symptoms of infectious disease.
- · Hand sanitization shall be done before putting on PPEs and after removal.
- No injection, vaccine, tablet, capsule or any other chemical component shall be disposed of using this document.
- IX. Guideline and Advisory to use PPE:

Selection of Mask as per use:

While Mask selection, should consider the following:

- Purpose of mask use: the rationale and reason for mask use should be clear
 — whether it is to
 be used for source control (used by infected persons) or prevention of COVID-19 (used by
 healthy persons)
- 2) Risk of exposure to the COVID-19 virus in the local context: The population: current epidemiology about how widely the virus is circulating (e.g., clusters of cases versus community transmission), as well as local surveillance and testing capacity (e.g., contact tracing and follow up, ability to carry out testing). The individual/employee: working in close contact with public (e.g., workmen at living areas)
- Vulnerability of the employee/population to develop severe disease or be at higher risk of death, e.g. people with comorbidities, such as cardiovascular disease or diabetes mellitus, and older people
- 4) Setting in which the site located/activities in-progress in terms of population density, the ability to carry out physical distancing (e.g. on a crowded bus), and risk of rapid spread (e.g. closed settings, office-setups, habitats, guest houses).
- 5) Feasibility: availability and costs of the mask, and tolerability by individual employees.
- Type of mask: medical mask versus nonmedical mask

In addition to these factors, potential advantages of the use of mask by healthy people in the community setting include reducing potential exposure risk from infected person during the "pre- symptomatic" period and stigmatization of individuals wearing mask for source control.

However, the following potential risks should be carefully taken into account in selection of the right mask:







self-contamination that can occur by touching and reusing contaminated mask	
□ □ depending on type of mask used, potential breathing difficulties	
□ □ false sense of security, leading to potentially less adherence to other preventive measures so as physical distancing and hand hygiene	uch
□ □ diversion of mask supplies and consequent shortage of mask for health care workers □ □ diversion of resources from effective public health measures, such as hand hygiene	
Whatever approach is taken, it is important to develop a strong communication strategy to explain the employees (including workmen) the circumstances, criteria, and reasons for	
decisions. The employees should receive clear instructions on what masks to wear, when and how, and on the importance of continuing to strictly follow all other SOP and COVID19 precautionary measures being shared (e.g., hand hygiene, physical distancing, and others).	

Disposal Methodology:

Disposal Method 1:

The bio medical waste generated at the site during medical check-up, blood donation camp or as a preventive measure taken against infectious diseases shall be collected separately in yellow coloured non-chlorinated plastic bags, clearly marked as "BIOHAZRD" and given to authorized dealer or A Common Bio-medical Waste Treatment Facility (CBWTF) for disposing the waste.

Disposal Method 2:

A MOU shall be signed between the organization and a hospital having waste treatment facility in its premises or is connected under waste collecting network of CBWTF.

Disposal Method 3:

If CBWTF or any other licensed agency is not available near the work location, waste generating authority can establish an incineration facility after obtaining approval from CPCB as per Bio-Medical Waste (Management and Handling) Rules, 2016.

- Used mask, hand gloves and gown should be considered as potentially infected, therefor safe disposal of all the biomedical waste shall be take care of.
- All biomedical waste generated at the site should be collected in an identified trash bin with "BIOHAZARD" marking on it. Use a Yellow bag inside trash bin to prevent cross contamination.
- This waste should be disinfected using sodium hypochlorite solution (1%) only if suspected to contain microorganisms.
- Dispose through incineration process by an authorized and trained person equipped with appropriate PPEs. Complete combustion shall be ensured.
- 5. Ash from incineration of biomedical waste can be disposed of in municipal landfill.
- Waste can be buried at the deep burial facility located as per the provisions and guidelines issued by Central/State Pollution Control Board.
- All the records & pictures shall be maintained viz. quantity of PPEs and disposal date and person responsible for safe disposal.









Annexure1: Responsibilities and Accountabilities Matrix for Project Sites

Process		Accts &		untabili All staff		ERT Team	Superviso r	Camp Boss/ IR	Workmen
Conducting Meeting regarding this SOP before restarting the Works	А	F	R		R	R			
Preparing a site- specific action Plan	А	F	R		R	R			
Screening of workmen		Α	R	R	R		R		R
EHS Induction		F			A		R		R
Access Control measures		A	R	R	R		R		R
Training on COVID 19 response		F		R	A	R	R		
Dis infection		A		R	R		R	B	
Risk Control in Workmen Camp		A						B	
Social distancing in site office & facilities	А	F	R	R	R	R	R		
Pre startup checks location / area wise	А	F	R	R	R		R	R	
Promoting Self Hygiene & Respiratory Hygiene		F		R	A		R	R	
Display of posters for COVID 19 Response	R	F			A				
Organizing resources for COVID 19 response		Α	R		R	R			
Maintaining social distance	A	F	R	R	R	R	R	R	R
Monitoring of compliance	A	F	R		R	-	R	R	
Reporting in case of symptoms		Α	R	R	R	R	R	R	R
Checks for COVID during safe to start of activities				Α	R		R		
Periodical review	A	F	R		R	R			
Emergency Response	A	F	R		R	R		R	

A Accountability
R Responsibility
SI – Section In
charges
SE – Site Engineers
ERT – Emergency Response Team









Annexure 2: Daily Safety Check for Resuming of Work after Lockdown

Name of the Project (with Job code): Poject Director/Project Manager Pacifity Location and In-charge:

Segment Head/Cluster Head/Taskbros Leader Dete:

T. No	Checklist Points	Yes/No	Observation	Measures
	Distribution and cleaning of the Kitchen area on daily basis	15-10-17-17-17-17	PERSONAL PROPERTY.	The siller
2.	Cooks and helpers shall wear head band, masks and hand gloves			
	while preparing 6 serving load to staffs and workmen			
3.	Serving times shall be staggered to avoid overcrowding and			
	maintaining social distancing			
4	Maintain register to record the cleaning activities at Michen, Guest			
	bedicated hand wishing facilities with soop shall be kept at	_		
Б.	conspicuous locations in the workmen habitat with sign boards for			
	DO's and DON'Ts is hard weighing	1 1		
6.	Whether Pictorial posters in English & local language are placed			
	across the Offices & workmen habitat to create awareness on			
	maintening sed - hypene and respiratory hygiene?			
7.	Ambulance (Emergency Vehicle shall be available			
8.	MoU with Nearby Hospital/ COVID Yeating centre for providing			
	faster medical facilities to suspected COVID cases.			
9.	Minimum TM social distancing shall be ensured while keeping			
	occupants in a single room			
10.	Whether Drunfecting spray is done at all the areas of actions after			
	workmen left for work daily?			
11,	Emergency Contact & COVID-19 Helpfine Nos snail be displayed			
	across Offices and Workmen Habitat area			
12.	For quarantine purpose, separate room with adequate ventilation			
	at Workmen habitat/ Gueathouse shall be maintained			
13.	Quarantined workmenistaff shall be monitored for COVID			
	Symptoms and thermal scanning shall be carried out on daily			
14.	hasis After use, disposable COVID Specific PPEs should be discarded.			_
175	through approved hazardous/medical waste vendors			
15.	Transportation of suspected individual shall be arranged through			
100	emergency or ambulance vehicle only.			
16	Employees shat work from their seats and avoid going to other's			
100	saats			
17.	Discinsors and interactions shall be held to the maximum			
	possible extent using deak phones and mobile phones			
18.	Meetings shall be avoided as far as possible and implementing			
	VC / Conficells / other modes			
15.	All employees to be strictly adhere to the social distance of			
112	minimum 1 meter during meeting all other interactions			
20.	Avoicing hard copy files where ever possible and soft copy			
	somespondences / approvals to be encouraged using emails.			
24	digital sign-offs etc.	-		
21	Whenever possible employees shall be encouraged to bring			
22.	home cooked tood and taking lanch at their office deaks. Office helpers who are serving food and cleaning utenaits shall be			
66.	regularly acremed using thermal scanners & they must			
	mandatorily wear masks and hand gloves all times.			
23.	For common mess areas the funch brings shall be staggered and			
-	necessary seating arrangements shall be in place to implement			
3111	social distancing			
24.	All meeting rooms shall be sanitized after and before the meeting/			
100	training			
25.	Whether the meeting area is well-ventfated?			
26.	Minimization of the attenders or limiting the attendees hased on			
	the room size and mandatory maintaining of social distancing			
-	shall be ensured			
27.	Surgicul masks shall be evaluate with all the staff & the staff with			
	masks shall be allowed to altend the meeting or training.			-
28.	Sufficient no of hand sanitzers and tissue papers shall be			
29.	evaluable in the conference room			
	Handshakes shall be avoided & staff should carry their own water			

IN ADMIN

EHSO

SECTION INCHARGE / Admin-Accts in charge

Overall Head (PM/PO/TFL)

We are researched to achieve the "Jave Kores" arrest the other of WE J.C.

EHS Superirect - MQ, WET IC | 0.167 Construction, All rights reserved









5. No	Checklet Points	Yes/No	Observation	Measures
1.	Subcontractors shall understand, eigh & camply Ch the requirements of EHS			
500	Code of practice, IMS Standard & Legal requirements.			
2	Screening and EHS Induction of New Workmen' Staffi Sub-contractor.			
3	If he/she is travelling from any identified known DOVID 19 hot spot, they shall			
K	be quarantined and social distancing & regular checks for symptom to be			
	ensured.			
4	Hany person having fever and cough with breathless ress. The person shall			
	be taken to nearest COVID testing centre/Government hospital:			
5.	Nonew Ylorkers (without valid pass) shall be allowed at work locators			
Ē.	Vehicle & Goods shall not be allowed without valid permission & disinfection			
7	Hand sanitzers shall be kept ready in the entrances and people after entry	_		
ň.,	shall sanitize their hands before proceeding to work locations			
8.	Big-metric (Finger touch) swiping for attendance shall be temporarily			
0	discontinued with alternatives such as ID card swiping, retina or face detection			
9	Access control shall be implemented at all entry points to prevent	_		
D	unauthorised & unscreened workmen/staff entry to vierk locations	-		
100		_		
10.	Social distancing shall be maintained during vlorkmen & staff transportation			
11.	While at site caring COVID specific PPEs and using hand sanitizers at			
18	regular intervals shall be ensured			
12.	Employees shall keep themselves hydrated and shall maintain accist			
	distancing at the site			
13.	Immediately report any symptoms of infecsion such as runny nose, cough.			
	difficulty in breathing, fever etc.			
14.	Ensure is up with Hospital/COVID 19 lesting centers for handling suspected			
200	COVID cases and emergencies.			
15.	Disinfector of company vehicle stregular intervals to prevent contamination			
16.	Workmen shall be instructed to maintain social distancing of 1 induring Pep			
70	Talk, Meals time, Construction adivities, transportation, slaying etc.			
17.	Daily Pep-talk shall contain the awareness about COVID 19 and preventive			
	treasures and identify suspected cases using Thermal scenners.			
18.	Sub-contractor shall keep sanitizen hand wash soap solutors, water in			
	sufficient quantty at all common points			
19.	Posters and o's and donts shall be displayed at the work location by the site			
183	management and the aub-contractor in Hindi or other local language			
20.	Ensure all Scaffolds, formworks, work platforms and ladders are disinfected.			
-	inspected and are in good shape before use			
21	A IPtant and Machineries & tools and tackles shall be disinfected before use			
22.	Ensure all safety appliances and accessories including COVID specific PPEs			
ee.	are available at site before starting the work activity			
23.	Foot operated waste bir Cthdisposable garbage hag shall be used for waste			
40.	collection across the site.			
24.	VIMEHS shall be used to generating Sate Execution Card, understanding			
24.	SaP, filling Checklist and providing Pep Talks for all activities at sie.			
-				
25	Regular training to be delivered using digital platform such as Microsof			
	Teams, RaPL, Induction Videos to raise awareness arrong workmen and staff			
	or Personal hygiene, Sanitation, RBT, EHS Alerts & SoPs.			
26	Use VM EHSDashboards to conduct work progress review/EHScommittee			
	meeting through Microsoft Teams.			
27.	EHSO shall train all the ERT members on COVID 19 errergency response			
100	and their roles & responsibilities			
28.	In case of COVID19 Positive or Suspected Case, ensure quarantining of the			
100	Individual and Inform Cluster/ Segment/BU/SBG/ IC level authorities			
	The second secon			
29	Disposal of Bio-Hazardous Waste (infested disthes, PPEs etc.) through			
	approved vendors as per SoP.			
30.	Ambulance/ Vehicle shall be standby for handling medical emergences			
31	Flow chart in Hindi & English version (Appendix to SoP) shall be displayed at			
3111	conspicuous locations for awareness to Project team			

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Annexure 3: IEC Posters for using at site





















DOS and DONTS:



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ANNEXURE 12: SEMP Disclosure

Minutes Of Meeting

Venue of Meeting: DSC Dehradun Office

Date 08.02.2022

Subject: Review Meeting on Safeguard Documents Package- WW-DDN-01(THDC/ Yamuna Colony)

Safeguard team of DBOC THDC/Yamuna Colony have visited the DSC office for the meeting/ guidance about Site Specific Environmental Plan (SEMP) and Project Affected Persons(PAPs). The following points were discussed in the meeting.

- 1. Shared copy of draft SEMP approved by ADB of some Sewerage Project in India.
- 2. Shared copy of detailed profile of PAPs approved by ADB.
- 3. Guided the staff about assessing the potential social risk and livelihood loss.
- 4. The required documents for APs & RP were discussed in the meeting.
- Preliminary Re-verification of APs conducted by the team of contractor, was reviewed and gave inputs for reassessment of the same.
- It was agreed that DBOC will provide the verified PAPs list /profile to the DSC team on 10.02.2022.
- DSC team will revise the assessment done by the contractor on 11.02.2022.
- The Team of Contractor was informed to submit the Revised PAPs list to the DSC Office as soon as possible.
- Team leader directed the DBOC persons to communicate to their seniors to deploy the safeguards persons at the earliest. And directed the Safeguards Expert to write a letter to PIU about the same



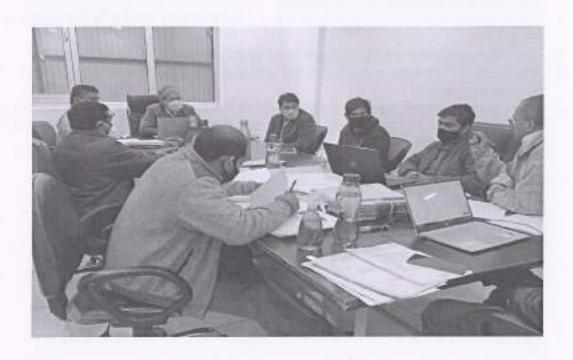








BUIRUDP - Meeting Participation Sheet REVISORMENTERS ON SOME GRAND DECEMBERS THIC Pacipate -Venue of Meeting DSC Corrections from Date-Gender Designation & Contact No. Signature Name Team burder, Dec River Human Strend Tribe Contrader 188 MY MITTE EMS THOS Sections in triv. Prenos Pastoni 145 His Sulbaretis had MY es had Social, comunity gerden like Mr. S.C. Nharder SWATER AND DEC Beeme Bratt F Social Bapper DEC Bharma Peganow Project Harager DSG Mr. J. Tragi Procurement Expert DSC 44. Ditk. Shiv Shinker wille whiter Supply & Westcum set Edition Mr KIN Italian 150 Beaut Suffer Sisc













Virtual Training on Baseline Consumer Survey

Venue of Meeting: DSC Office Dehradun

Date: 07-01-2022

Package Name: WW DDN-01 THDC & Yamuna Colony

Subject: Baseline Consumer Survey Training- UIRUDP for Package WW DDN-01 THDC & Yamuna Colony

Orientation training for field surveyors on dated 7-01-22 about Consumer Baseline Survey was held at DSC office Dehradun. In this meeting following activities were carried out.

- A Power Point Presentation was presented by GIS Expert Dr. Arijita Saxena in the front of all participants virtually. In this PPT information about the Consumer baseline Survey was provided.
- The problem regarding GMS ID & input values in the form was discussed and the same point was resolved by the expert.
- The problems regarding the family, residential/commercial buildings were arisen and same were resolved in the training.
- The benefits of digital survey were discussed with the participants. All the participants were satisfied with digital survey.
- 5. A sample survey form was filled & shared with the participants.
- In Nainital case. Some changes in survey form will be carried out as there are a lot of commercial buildings, Hotels in the survey area. So the capacity of the number of people will be enhanced in the survey form, accordingly.
- It was also decided in the training that GMS ID will be created by the DBOC in Nainital, due to the mountainous physiography of the survey area.

	W. Ser	Meeting Participation	SELINING
		Reporting Survey Training or event work of Manufact	
Name	Gender	Designation & Contact No.	Signature
Rose Yune	10	- 120 - 120 B = 1, DSC	15.1-
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Minutes of Meeting: Awareness and Public Consultation

Venue of the Meeting - Yamuna Colony

Date: 11.01.2022

Package Name - Yamuna Colony /THDC

A public consultation was held in the presence of PIU, DSC and Contractor's representatives on dated 11.01.2022, copy of participation sheet is attached below. In this public consultation the local public of the area was consulted about the benefits of the project, GRM Process, and social issues during the construction's work Total 11 persons; including 09 Male and 02 Female participated in the meeting.

The following are the main points of the consultation:-

- 1. All the participants were aware about the construction work in their area.
- Public was informed about the benefits of the project for the economic and social upliftment of the community.
- In consultation the local publics were informed about the disturbances due to the project construction work.
- 4. Public was informed about the health and hygiene during the construction work.
- The public was consulted about the outcome of the project and solid waste disposal during the construction work.
- During the construction work the excavation will be performed for laying the pipelines, during this work all the social and environmental issues will be followed as per the norms.
- The Public was scared about the water supply and civic facilities during the construction work of the sub project, for this all the participants were informed about the alternate facilities during the construction work.
- All the participants were also informed about the grievance redressal mechanism for any
 objection / problems due to the constructional activities in the concerned area.
- The participants of the meeting were also informed about the prevention measures of COVID-19 in the sub project area as well as labour camp.









Participation list



Uttarakhand Urban Soctor Development Agency (UUSDA)
Uttarakhand Integrated & Resident Urban Development Project (UIRUDP)
Urban Development Department, Uttarakhand



Awareness and Public Consultation Attendance Sheet

Package Samuna Colony 17H D.C.

Place: Samuna Colony

Date & Time 11 | 2012 2 1

Total No. of	M	Ŧ
Participants		

Sr.n.	Name and Contact	Gender M/F	Signature
T	2 6 P. Bon Kar 18456540059	M	147
2.	Vikath Bahuguna 9456590203	m	N.V.
3	Arrived Terpethy 9456 5 90465	63	1 31
Ly.	HAAJELL KANA 9412.8488.33	F	31000
5	Manuca 945657077	F	CAGUS
6	Hanichand 9568808860	100	- Mr
7:	Prodeep 639748/334	M	1
8.	Sharlendon Songh 9639108888	m	16.19
9.	Monaguri Goswani 7906038867		100
0-	Ginek Basad Bhatt QUIZO 47119	no	GP 66 W
1-	B S Shandani 9412918815	M	13:
-			























EHS Policy & EMS



Contractor's EHS Policy Statement

Corporate Environment, Health & Safety (EHS) Policy

- We remain committed to safeguarding the health and safety of our employees and other stakeholders and preserving the environment.
- To fulfil the above commitment, we will ensure the following:
- Incorporate applicable EHS requirements across all processes, right from tendering, planning, design, recruitment and procurement, production, execution, operation and maintenance to align with their respective business objectives
- Meet or exceed all applicable legal and other compliance obligations, irrespective
 of the stipulations of the enforcement authorities in the country of operation.
- Pay serious attention to workmen welfare, especially to their habitat, to improve morale, retention and thereby productivity.
- Impart structured training and augment resources for effective EHS performance
- Prevent adverse environmental impact and occupational health and safety risks
- Conserve natural resources, minimize waste generation and environmental emissions.
- Encourage communication, consultation and collaboration with all stakeholders
- Establish SMART EHS objectives to permanently reduce EHS risks by eliminating hazards or substituting with less harmful equipment, material, methods and review implementation to achieve continual improvement.

This policy to be communicated to all our stakeholders and reviewed every year to ensure that it remains relevant to our business and effective to improve performance.

Date: 05 02 2022

Bharat Ramola (Project Manager) EMS infracon Pvt. Ltd.





