

**TENDER DOCUMENT FOR CIVIL ARC, SANITATION, HORTICULTURE,
GARBAGE FOR TOWNSHIP.**

TENDER NO: BALCO/COM/ CIVIL ARC TOWNSHIP

SEND YOUR OFFER WITHIN 7 DAYS THROUGH E-MAIL

To,

Head Commercial
Bharat Aluminum Company Ltd.
Commercial Office
Admin Building, 1st Floor
BALCO NAGAR
KORBA – 495684
Chhattisgarh State
India

INDEX

Attached herewith is our Tender Document for Civil ARC Township

1. Instruction to the Bidder.

2. Offer letter.

3. Scope of Work.

4. Contract Period.

We are looking forward to an extended relationship and are open to negotiate long term contracts if that is mutually beneficial.

Please note that completion of the response, in terms of the Formats to be filled and data to be furnished, will be one of the criteria for evaluation of the vendors.

We will be happy to assist you with the process. Feel free to reach out to any of the people listed below.

For Clarifications:

Commercial: Mr. Naresh Kumar, Mob. No: 9981443352

Technical: Mr. Rajesh Khalkho - Mob. No: 9981442294

1) INSTRUCTION OF BIDDERS

Vedanta Resources plc (“Vedanta”) is a LSE listed FTSE 100 Company with a market cap including that of its listed subsidiaries of about \$ 50 billion. We operate across the following core business sectors: Zinc-Lead-Silver, Copper, Aluminum, Iron Ore and Energy, with operation located in geographies spanning India, Australia, UAE, Zambia, South Africa, Namibia and Ireland. Over the past 5 years the group has

displayed exemplary appetite for organic and inorganic growth-with an industry leading organic growth program of \$ 20 billion nearing completion.

Bharat Aluminium Company Limited (BALCO), a Member of Vedanta India is a fully integrated Aluminium producer with an installed capacity of 245 ktpa aluminium and 810 MW of power. We are currently implementing expansion projects, which includes a 650 ktpa capacity Aluminium smelter (1st phase 3.25 ktpa) and 1200 MW Power Plant. With the completion of these projects, BALCO will have a total installed metal capacity of 1 mtpa and 2010 MW of power. Our metal business currently produces 75 ktpa rolled products & 200 ktpa wire rods & with completion of 1st phase metal expansion, rolled products & wire rods capacity shall increase to 80 ktpa & 500 ktpa respectively. Our businesses also include a coal mines and operating Bauxite mines.

What BALCO is looking forward with this contract:

- High Level of Service quality.
- 100% adherence to all the deliverables.
- Zero accidents environment.
- 100% reporting of all the near miss incidents and corrective measures for all to ensure no accident due to the unsafe conditions.
- Increased availability of all the equipments and the total system to ensure better efficiency and higher levels of productivity.
- Ensuring higher productivity per man hour by introducing better Operating Procedures.
- Introduction of innovative ideas which can save in terms of time or money.

Information / Credential of Service Providers / Bidder

The following information is Compulsory and should be furnished completed in all aspects along with your offer.

- I. Brief history of organization, along with organization chart, mentioning the Name, Designation & Tel. Nos of the contact persons in your company holding all key positions.
- II. Client list, with copies Contracts of your Top 5 clients.
- III. Banker's name and your Company's annual audited report / Balance Sheet for last 3 years.
- IV. The details of Machinery and Equipment available with you which are in working condition are to be furnished.
- V. If the space provided in the registration form is not sufficient, please attach separate
- VI. Sheets and give Annexure reference number on the attached sheet.
- VII. Registration Details
- VIII. Registration No. and date (Kindly attach a photocopy of registration certificate)
- IX. Membership to any body
- X. Any other Statutory Registration.
- XI. Registration details with taxation authorities:
 - a. Permanent Income Tax A/c No.
 - b. Service tax Registration
- XII. For any new agency participating first time in BALCO tendering, must register their company as new service vendor on our SRM Portal at **www.balcoindia.com/vendorzone**

2) FORMAT FOR OFFER LETTER

Head Commercial
Bharat Aluminum Company Ltd.
Commercial Office

Admin Building
BALCO NAGAR
Korba – 495684

Offer reference N.: /.....dt. **2017:**

Sir,

1. We hereby undertake to perform the scope of work as defined in the condition of Bharat Aluminum Co. Ltd., Tender Ref no:....., dated.....2015 at the prices and within the period stated in the attached schedules & in conformity with all the conditions is included therein.
2. This offer is valid for a minimum period of 90 days.
3. We agree that any Contract placed as result of this offer will be in accordance with the terms & conditions in the said offer. We declare that any other terms or conditions of the contract or any general reservations which may be printed on any correspondence of documents emanating from us in connection with tender shall not form part of any resulting contract unless specifically agreed to by BALCO and included in this contract.
4. We also enclose herewith the following documents:
 - A. Schedule of compliance with
 1. Acceptance of contract conditions.
 2. Schedule of prices (Price Formats to be completed)
 3. The offer should contain all the details like Service Tax Reg. No. etc.
 - B. Documents required by BALCO as mentioned in “**Instructions to Bidders**”.

M/s (Name and Address of the Company)

Signature of the authorized Signatories

3) SCOPE OF WORK :

1. The Civil ARC has been amalgamated to ensure availability of a high quality Contractor, rationalization of PRs, and adequate cost cuttings as corresponding to the quality of work output.

2. In view of the same there is requirement to lay down comprehensive guidelines so that utmost efficiency is achieved within the said amount allotted, optimum satisfaction to the customers is provided and each rupee is accounted for. Aspects to be taken care by the Contractor.

3. The Contractor on the award of the Civil ARC Contract will :-

a. Take all HR Clearance as follows

i. Labor License will be taken prior to the start of the contract

ii. The Contractor will submit the entire list of the Laborers (skill wise) who will be employed for the Township Contract. All the Laborers will on daily basis report to Township for attendance.

iii. He will register all Labors with the HR Department for the biometric attendance.

iv. Will ensure provision of PF, ESI to all laborers. Certificate to the same effect will be submitted to HR and Township Department.

v. Will provide ID Passes, Safety Equipment, tools and tackles and all entitlements as applicable from time to time to the laborers employed for the same.

vi. The contractor will ensure that equipment is transported to the site. He will not use the labors to carry the stores, except for personal tools and tackles. He will organize a Pick up vehicle for the same.

b. Setting up of Office/Work Station

i. The Contractor will establish an office /Work Area from where he will control all his daily operations

ii. He will have his office area adequately equipped with a computer, stationary, filing facilities

iii. The Contractor will make a proper organogram along with supervisors and work force for the various jobs allotted to him. He will let the Township office know of the Mobile Nos of respective supervisors

iv. He will ensure full attendance of the Work Force and will be paid only for the work force which has actually reported for duty. Money will be deducted of the absentees from the Contractors claim.

v. He will give daily report to the EIC on the Jobs allotted, jobs completed and jobs pending by 5.30 PM. CIVIL ARC BALCO TOWNSHIP Page 8 of 51

- vi. Contractor has to finish all the job on same day and submit the job card in the Township office.
- vii. Will ensure that no Civil Job is pending more than 1 day from the date of Job Card issue. In case of any lapse he will be penalized with a 10% penalty per day for every job not done.
- viii. In Emergency contractor has completed the job within 24 hours
- ix. Monthly bill submit by 5th working days of next month if delay penalize 10,000 rupees.
- c. Storing of items
 - i. The contractor will maintain the inventory of the following material in his store.
 1. Cement as per the desired Quality. The entire amount will be stored in the Town stores for issue. Minimum balance of 50 bags will be maintained at all times
 2. MS Gates
 3. Barbed Wire for fencing
 4. Hydro insulation material
 5. Paints all Types
 6. Doors wooden , FRP , Flush , Frame
 7. Window frame & shutter.
 8. PVC pipe.
 9. Net lone Jali.
 10. IWC & EWC Sheet .
 11. Wiremesh door shutter
 12. Tiles:- wall , Floor , vitrified,
 13. Sanitary Equipment all Types
- d. Labor Payment
 - i. Will take care of the following
 1. Payment to be done in respective bank accounts by 07 th of every month
 2. Will give pay slip to all laborers as per their entitlements
- e. Quality Checks
 - i. Quality test ,Cube test, will be carried out by the consultant and EIC on the material used
 - ii. Wherever sub standard material is found the payment will not be done till duly replaced
 - iii. If consistently caught doing the same he will liable to be penalized
 - iv. He will use the material as specified in the PO. Any spurious use will attract Rs 1000/ penalty
 - v. All material over the Expiry will be discarded forthwith by the Engineer Incharge
 - vi. Contractor will give the Guarantee for various works as follows
 1. Wall Crack Repair # One Year
 2. Brick Work/ Pillars # One Year
 3. Hydro insulation - 05 Years
 4. All RCC/PCC Works # 02 Years

f. Provision of Equipment. He will ensure availability of Equipment 24x7, Driver has to carry all the documents of vehicle & license . He is liable to be checked by the EIC and failing to ensure availability will attract penalty of Rs 500/- per day.

- i. Mixture Machine
- ii. Vibrator(Niddle,Flat)
- iii. Wall Drill machine
- iv. Wooden Drill
- v. JCB
- vi. Tractor Trolley or Pick Up
- vii. Welding Machine
- viii. Hydra
- ix. Water Pump
- x. Water Tanker

g. House Keeping Penalty. The contractor will be responsible to clear all debris unwanted material from the work site, failing to do the same he will be penalized at the rate of Rs 100/-Per Day/per site.

Modus Oprandi :

The detailed SOP / Modus Operandi to ensure an enhanced level of deliverability of ARC as well as to have a close check on overall spend. Few salient points from the same are reproduced as under:

1> There shall be individual site in charge from service provider's end for BALCO Township, who will be coordinating with respective BALCO EIC on daily basis for day to day execution.

2> Central store shall be provided by Balco for Township wherein a minimum material stock is to be maintained to meet the day to day requirement for the items ,cement , sand , brick, TMT rods, Stone aggregate, metie, etc. All the material should be having good quality / ISI approved as per Balco Norms.

3> There shall be 2 years Free maintenance / warrantee against manufacturing defects for every new / fresh construction / erection work done under this ARC. However same shall not be applicable for day to day repair jobs.

4> Job card system is to be followed along with dead line date for every job to be executed under this ARC.

5> A minimum infrastructure / open space will be provided by Balco to the contractor for them to operate a local office there from to coordinate & monitor the day to day execution / activities. \

6> The item quantities mentioned in BOQ are indicative; payment shall be made against execution of work at site, duly approved by respective Balco EIC.

CIVIL ARC

(A) Mason					
Cod	Description	UOM	Qty	Rate	Amount
100	Excavation : Excavation of soil for all types and sizes of foundations and drains including dressing and leveling of				
397	Pit stand and disposal of material as per specification				
5	and direction of EIC.	M3	100		

100 116 7	Dismantling existing PCC / RCC / Flooring / Brickwork / Tiling etc : Dismantling existing PCC / Flooring at all heights and position including all labours , tools , machines and as Directed by EIC. Leaving surface clean and disposal of debris within a lead of 500 Mtrs.	CUM	200		
100 406 0	Providing and laying of RCC M-20 with proper curing and maintaining the line and level and as per the instruction of Eic.Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC	M3	10		
100 022 4	Reinforcement for R.C.C. work including binding wire , straightening, cutting, bending, placing in position and binding all complete. Thermo Mechanically Treated bars. Complete with all labours , materials , tools and tackles and as per direction of the EIC. Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , MS 08/12 MM STEEL OF TATA TMT / JINDAL.	MT	2		
100 387 9	Providing and laying PCC M 150 : providing and laying PCC M 150 (1 cement : 2 sand : 4 metal) with 20 MM down graded aggregate in foundation , floor etc. At all heights and position , and depth including shuttering , mixing , laying and CURING (minimum 7 days curing) etc . Complete with all labour and materials etc. Complete as per direction of EIC. Make : AMBUJA / ULTRATEC , 53 GRADE , OPC	CUM	225		
100 510 9	15 mm thick cement plaster :15 mm thick cement plaster with cm 1:6 (1 cement : 6 sand) over brick masonry concrete surface including dismantling , scaffolding , racking out joints , smooth finishing and curing etc.At all heights AND POSITION INCLUDING CEILING in both sides complete with all labour , tools , materials etc ,CURING (minimum 7 days curing), and as directed by EIC. Make : AMBUJA / ULTRATEC , 53 GRADE , OPC	M2	800 0		
100 394 5	25 mm thick concrete flooring : 25 mm thick concrete flooring with 1:2:4 cement concrete (1cement : 2 sand : 4 down graded stone aggregate 12.5 mm nominal size) finished with floating coat of neat cement including dismantling CURING (minimum 7 days curing) . Complete as per direction of EIC.For Inside House , Bath , Rooms etc and as directed by the EIC. Make : AMBUJA / ULTRATEC , 53 GRADE , OPC	M2	900 0		

100 406 4	Brickwork in cement mortar : Brickwork in cement mortar (of 50 kg./sq. cm strength in cement mortar 1:6(1 cement : 6 sand) in foundation, substructure, main holes etc and super structure at all heights and depths , CURING (minimum 7 days curing), as per specification and direction of EIC.Make : CHIMNEY / ASH BRICK 9 INCH , CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC	M3	100		
100 456 6	P & F IWC (Orissa style)with LL PVC Cistern : P & F IWC with LL Cistern complete with all fittings including dismantling of existing one and replacement of Tee , and Bend and P Trap (all of 100 dia), labour and material and complete as per direction of EIC.Complete fittings including water closet , bends , inside pipe will be replaced and fitted to outside pipe / bend with no leakage . Applying neat cement slurry / M seal at Bend Joints and Trap / Pipe joints before flooring work of the area.Make - PARRYWARE , CISTERN - PARRYWARE / SLIMLINE	NO	200		
100 402 6	P & F EWC with LL PVC Cistern : P & F IWC with LL Cistern complete with all fittings including dismantling of existing one and replacement of Tee , and Bend and S Trap (all of 100 dial) , labour and material and complete as per direction of EIC.Complete fittings including water closet , bends , inside pipe will be replaced and fitted to outside pipe / bend with no leakage . Applying neat cement slurry / M seal at Bend Joints and Trap / Pipe joints before flooring work of the area.Make - PARRYWARE , CISTERN - PARRYWARE / SLIMLINE	NO	75		
100 399 8	Providing And Fixing of Traps : Providing and fixing Floor Traps , S Traps , P Traps etc with trap jali (SS) as per requirement and jointing the same with proper cement slurry / M seal AND Dr.Fixit Solution to ensure NO SEEPAGE from joints to GF Qtrs. Traps will be required to be replaced at Kitchen , Bath and WC . ISI Mark Only	NO	200		
100 409 5	Providing and fixing wooden gutkha : Providing and fixing of wooded guthka for fixing of Door Shutter , Window Shutter and Ventilator Shutter in all RCC Frames	NO	25		
100 406 9	Providing and fixing of glazed or Ceramic Wall tiles : P & F glazed or Ceramic Tiles at Walls of kitchen , bath , toilet and skirting in Renovated Qtrs only . As same existing size , shade and colour of balco township quarter ,including dismantling and jointing with neat cement slurry with all labours and materials including dismantling and disposal of debris with a lead of 500	M2	300		

	Mtrs. Make Kajaria or equivalent				
100 411 0	Providing and fixing of glazed or Ceramic Floor Tiles :AT Floors of Renovated Qtrs only . As same existing size , shade and colour of balco township quarter , jointing with neat cement slurry with all labours and materials including dismantling and disposal of debris with a lead of 500 Mtrs. Make Kajaria or equivalent	M2	550		
100 413 3	Providing and fixing of chequered Tiles : As same existing size , shape and colour and of approved quality & shade & design and colour in CM 1:4(1Cement:4Sand) of balco township quarter including dismantling and with proper surface dressing & necessary earthwork, jointing with neat cement slurry with all labours and materials including dismantling and disposal of debris with a lead of 500 Mtrs,with all labour and materials etc.	M2	50		
100 413 5	Providing and fixing of paving block Tiles : As same existing shade and size and jointing with neat cement slurry with all labours and materials including dismantling and disposal of debris with a lead of 500 Mtrs	M2	50		
100 395 9	Repairing of Wall Crack with V Groove : Filling and repairing of cracks in any position and height making V Shape grooves of 4 mm width on walls , roof with cement mortar 1:4 (1 cement : 4 sand) with proper finishing , curing , scaffolding , scrapping etc . complete with all labours , tools , machines etc and complete as per direction of EIC. Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC	RM	500 0		
100 395 5	Repairing of Wall Crack with Chicken Jali : Repair of wall crack at any height and position with Providing and Fixing Chicken Mesh Jali after opening the crack and sealing it with CM and plastering after fixing the jali. Complete with all labours , materials tools including proper finishing , curing etc and as directed by EIC. Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , JALI - ISI MARK	RM	50		

100 405 9	Providing and fixing precast RCC(M-15grade) slab in Kitchen : Providing and fixing precast RCC slab in Kitchen of size 2.50 M x 0.75 M X 0.075 M) finishing the top with an even slope towards the sink and with proper neat punning at top side including all labours , materials , tools . Completed as directed and specified by EIC . And disposal of the broken slab within a lead of 500 Mtrs.(Excluding the cost of reinforcement steel). Make: CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , BAR - ISI MAKE	M2	150		
100 405 0	Providing and fixing Marble Kitchen slab : Providing and fixing Marble Kitchen Slab at Renovated Balco Township Qtrs / Buildings of the same shade and design as of the existing one . Complete will all labours , materials and tools . And of Size approx. 1.2 X 1 Mtr . And submitting the old destroyed marble slab at Township Stores with mentioning the Job card issued for the work	M2	150		
100 399 8	Providing and fixing Trap Jali : Providing and fixing all types of SS / Steel Trap Jali for kitchen , bath , WASH BASIN FLOOR TRAPS JALletc traps . Complete with proper fitting of the trap in neat cement slurry . Complete with all labours , materials and tools and as directed by EIC. Make : ISI MARK	NO	400		
100 401 5	Fixing only of IWC / EWC : Water closet will be provided by Township Stores.Complete with all labour and materials and necessary accessories	NO	50		
100 438 3	Transportation of Debris Transportation of debris outside the work area and disposing off to proper location as specified by the EIC to keep township premises clean , within a lead of 5 Km to the assigned places as per direction of EIC.	M3	50		
100 398 4	Fixing of Bracket / Angle - Fixing of Bracket / Angle for support of wash basin or other fittings etc . With complete work including cement plaster after fixing . Complete with all labor , tools and materials and complete as per the direction and specification of the EIC.	NO	50		
100 401 7	Providing and fixing PVC Pipe 100 MM , Make - ISI Only-bend , clamp , and other tools and tackles and labor and fitting at all height and position. Make : ISI - SUPREME SWR	RM	200		

100 411 8	Providing and fixing Joint free Vitrified tiles in floors of approved quality & shade as per site requirement/direction of Engineer-in-charge including removal of old flooring and necessary repairing in cement mortar 1:4 (one cement: four coarse sand) with an admixture pigment including cutting polishing as per standard specification & direction of EIC. Make : KAJARIA OR EQUIVALENT	M2	50		
100 404 9	Providing and fixing Jet Black Granite/Marble of approved quality with good quality of workmanship including breaking of existing wall and flooring as per the direction of Engineer-in-charge.	M2	50		
100 408 9	Providing and Fixing of RCC Slab : Providing and fixing precast RCC slab in kitchen of size 2.5 X 0.75 X 0.075MM Complete will all labour , tools and machinery .And as directed by EIC.(Excluding the cost of reinforcement steel), Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , BAR - ISI MAKE	M2	200		
100 407 9	Construction of AC Opening : Construction of AC Opening as directed of appropriate size. Complete with dismantling / removing old wall surface and complete with plastering work , fixing of AC Wooden Frame and synthetic enamel painting of the frame . Complete with all labours , tools and machines And as directed by EIC.	NO	15		
100 559 9	WhiteCement : Providing and applying White Cement on Tiles (Floor and Wall) at any height and position(With complete cleaning of tiles by Acid , and applying Birla White Cement on gaps). Make: BIRLA	M	500 0		

			FY 17- 18		
(B) Carpentry					
Item code	Description	UOM	Qty		
100 396 3	Repairing of Windows/Ventilators at GF: with frames of any sizes complete by removing hinges , cutting , chiseling, nailing , and changing wooden members , glass panes any numbers with putty/nails/beads etc complete including disposal of debris complete as directed by EIC	NO	300 0		

100 411 1	Providing and fixing 35 mm thick approved quality of wooden flush door shutter including polishing all fittings,handle,aldrops,towerbolt,hinges etc. complete with all materials and labours as per specification and direction of EIC. Make : MAYUR - ISO	M2	300		
100 409 1	P &F MS Door fixtures - Tower bolt , door bolt: Providing and fixing MS Door fixtures - Tower bolts: Providing and fixing MS Door fixtures of best quality after getting it approved EIC , mild steel barred tower bolts 150 MM X 10 MM long stove enameled black with bright bolt not I complete as directed by EIC, Make: BETTO / SCCOT / ISI MAKE EQUIVALENT	NO	900		
100 400 3	P&F mild Steel L Drop with complete set/ Sliding Door Bolt with complete set : Providing and fixing L Drop with complete set of best quality after getting it approved EIC ,mild steel barred enameled black with bright bold and fixed complete of 300 MM X 12 MM complete as directed by EIC. Make: BETTO / SCCOT / ISI MAKE EQUIVALENT	NO	100		
100 409 6	P&F pressed handles 150mm: MS pressed Providing and fixing MS Door fixtures of best quality after getting it approved by EIC . Providing and fixing MS pressed handles for Door Shutters of 6 Inches size as per requirement with screws complete as directed by EIC. Make: BETTO / SCCOT / ISI MAKE EQUIVALENT	NO	900		
100 405 6	P & F MS hinges : Providing and fixing MS Hinges of gates 100 MM / 75 MM size as per requirement with Screw . complete as directed by EIC. Make: BETTO / SCCOT / ISI MAKE EQUIVALENT	NO	200 0		
100 516 4	P& F Wooden Door Stopper: Providing , Providing and fixing wooden door stopper where ever required of standard size complete with all labours , materials and tools. And complete as per direction of EIC.	NO	400		
100 400 0	P&F GI Wire Mesh Jali :Providing and fixing GI wire mesh door and GI wire mesh jali with wooden strips in ventilators , opening front dorm complete as directed by EIC etc .ISI MAKE	M2	500		
100 404 7	P& F AC Wooden Frame: Providing and Fixing AC wooden frame of sal wood of required Air Conditioner size. Complete with all masonry and carpentry work .Complete with all labour , materials and tools and as per Direction of EIC.Make : SAL WOOD	NO	10		

100 409 3	P& F Almirah shelves wooden 18mm : Providing Providing And Fixing of almirah shelve wooden or ply of 18 MM thick complete as directed by EIC. Make: ISI MAKE MAYUR / PENTAGON	M2	50		
100 393 4	P&F MS Stey Arm : Providing And Fixing MS Providing And Fixing MS Stey arm and handle in MS Window of Balco Township QTRs with all labour and material, complete as directed by EIC. ISI MAKE	NO	50		
100 409 2	P& F 06 mm ply: Providing And FixinProviding And Fixing of 06 MM thick ply of approved quality , in opening of window / doors of other misc. carpentry jobs with all labour and material, complete as directed by EIC. ISI MAKE MAYUR / PENTAGON	M2	100		
100 409 4	Fixing of 16 mm round bar in windows: Fixing only of 16mm round bar in windows (round bar will be provided by township stores.)with all labour and material, complete as directed by EIC. ISI MAKE	NO	100		
100 395 8	Repairing & refixing of window glass :Repairing and refixing of Window Glass Pan with Putty and Glass Pan with all labour and material, complete as directed by EIC	NO	200		
100 402 5	Providing & fixing 600x600 mm Nova pan ceiling on 40 mm thk. heavy T section of Aluminium grid 600x600 mm properly hanged from all types of ceiling and perimeter to run on the side wall of all the sides including all finishing works as per direction of EIC. Make: NOVA	M2	50		
100 402 7	Providing & fixing Heavy duty anodized powder coated Aluminium door with door frame(including all fittings, hinges, door closure etc.,) of approved make overlapping, proper beadings to ensure dust proof, lamine. Door should have 4' Nova board at bottom and remaining panel with 5mm thick Modi float or equivalent glass. This job includes proper finishing of the surface after fixing the job.Make: GLASS - MODI , ALUMINIUM SECTION AND FRAME - ISO 9001	M2	5		
100 265 8	Providing & fixing Heavy duty anodized powder coated Aluminium glazed sliding window with tainted Modi float glass including provision of decorative aluminium grill (as approved) after dismantling of existing windows and depositing the same to the assigned place including all fittings, hinges etc. proper beadings to ensure dust proof with the help of aluminious beads & glass panes. The work also includes providing and fixing in position powder coated (coating thickness 65 micron) Aluminium	SQM	5		

	grill of approved design with all necessary fixtures, C channels i.e., Aluminium clamps screws, rawl plugs etc., including labour complete as per sketch and to the satisfaction of Engineer Incharge. Make : ALUMINIUM SECTION AND FRAME - ISO 9001				
100 397 0	Round Door Lock Godrej Only Three Lever : Providing And Fixing Round Door Lock Make : Godrej , Three Levers , Complete with all fittings , and of approved shade and weight .	NO	20		
100 409 8	Providing and fixing 3mm window glass with all material putty, pin and as per standard specification and direction of EIC.	M2	150		
100 524 0	Providing and fixing drawer lock with all accessories as per the direction of EIC.	NO	25		
100 411 5	Providing and fixing SS handle with all accessories as per the direction of EIC.	NO	60		
100 536 8	Providing and fixing Floor spring in glass door with all accessories as per the direction of EIC.	NO	10		
100 560 2	Providing and fixing toilet paper disc with all accessories as per the direction of EIC.	NO	5		
100 560 3	Providing and fixing soap disc with all accessories as per the direction of EIC.	NO	5		
100 560 4	Providing and fixing Towel rod with all accessories as per the direction of EIC.	NO	10		
100 413 8	Providing and fixing of Vertical blinds of approved quality & make including all accessories as per the direction of EIC.	M2	20		
100 466 0	Providing and fixing 12 mm toughen glass with all accessories as per the direction of EIC.	M2	10		

100 518 9	Providing & fixing false ceiling with 9 mm thk. Gypsum board of approved quality/make and by using anodized iron sheets and metal sections of size 40x40x1.5 mm and anodized iron sheets and metal 'U' shape section of 35x35x1.5 mm for fabrication of Gypsum board size 4"x2" and 12 mm to be fixed with steel screws of size 6"x13" at every 400 meters centre to centre as per directions of EIC. The work includes all finishing work and surface finishing with finishing coat.	SQM	100		
100 425 3	Repairing & painting of doors-Repairing of Doors With Frames : Of any size complete by removing hinges, cutting , chiseling , nailing , and changing wooden members, aluminium sheets of any size and thickness , fixing wooden blocks in concrete frame etc. complete at all position and height complete as directed by EIC	NO	500 0		
100 401 2	Providing & fixing of fiber door with all fittings-Providing and fixing reinforce wc and bath room door shutter FRP size with PVC door frame with proper including all material tower bolt, hinges, Handel, complete as directed by EIC. Make : NEELKAMAL	NO	500		
100 399 5	Providing And Fixing MS pressed Handle with complete pair : Providing And Fixing MS Stey arm and handle in MS Window of Balco Township QTRs with all labour and material, complete as directed by EIC. ISI MAKE	NO	50		
100 409 7	P&F Rubber sheet indoor/windows: Providing And Fixing of Rubber sheets in Doors / Window etc for closing of Gaps with all labour and material, complete as directed by EIC. ISI MAKE	RM	500		
100 399 7	Providing And Fixing Automatic Door Closer of steel handles for door shutters of public buildings .Make : GODREJ	NO	20		
100 409 0	Providing and fixing Vinyle flooring sheet of standard quality colour and shade with 1.5 mm thickness fixing with fevicol in entire floor area with all material tools and tackles and as per standard specification and direction of EIC	M2	70		
100 406 6	Providing & Fixing door & windows frames-Providing and fixing sal wood door /window/ventilator frames of standard size and thickness (75 mm X 100 mm thick)including hold fast of standard size duly tightened with nut bolts and grouting of frames with cement concrete M-15 and plaster around the door frame with all labour and materials and as per standard	M3	4		

	specification and direction of EIC.				
100 406 7	Providing and fixing sal wood 30 mm panel door, window, ventilator including all fitting, hinges, handle, L-drop, tower bolt, door stopper, etc. and standard specification and direction of EIC.	M2	60		
100 410 7	Providing and fixing 5 mm thick glass pan in aluminium door and window with necessary repair and replacement of damaged accessories all fitting and as per standard specification and direction of EIC	M2	10		
100 397 0	Latch Door Lock Godrej : Providing And Fixing Round Door Lock Make : Godrej , Complete with all fittings , and of approved shade and weight .	NO	20		
100 396 9	Providing and fixing glass door handle including all fittings and standard specification and direction of EIC. Make : GODREJ	NO	5		
100 560 1	Providing and fixing 30 mm thick sal wood GI wire mesh jalli door I.S. designation 85 G including all fittings, tower bolt, hinges, handles etc. and standard specification and direction of EIC.	M2	50		
100 224 0	Wooden polish two or more coats to give an even shade with of approved quality , shade and colour on old / new wooden surfaces at all heights and positions including cleaning of surface , filling putty in cracks etc , labours and materials complete Complete as per direction of EIC.	NO	50		
100 207 7	P&F 20mm dia MS pipe curtain rod: Providing and fixing 20 mm dia MS pipe curtain rod . Complete with all fittings and as per direction of EIC. ISI MAKE	SQM	500		
100 402 2	P&F Netlon Jali: Providing and Fixing Netlon Jali on window with Velcro strips or as instructed complete as directed by EIC. ISI MAKE	M2	350		
100 399 1	Fixing Only of Door Closer / Interlock etc . Items will be provided by Township Stores . Make : GODREJ	NO	200		
100 121 0	Chain Link fencing	RM	50		

Item code	Description	UOM	Qty		
100 420 9	Hydro insulation Work for Seepage Treatment at Balco Township , Work Includes : (A) Cleaning the surface and making it free from laitance, oil, dirt, unsound substrate etc. and dispose the waste/debris within a lead of 5 Km. as per direction of EIC. (B) Application of single coat of silprup (highly flexible building silicon sealant) for making surface smooth even free from hair cracks, pinholes and to ensure the minimum moisture content in surface I.e. (<10% approx.). (C) Providing and laying APP modified TORCH SHIELD of thickness 3 mm by using resin and torching. (D) Application of single coat of silicon based roof coat applied for UV protection as per direction of EIC" (E) Providing and Laying 15 mm Plaster over coated area Complete as per the direction and specification of the EIC. Make: TORCHSHIELD - PIDILITE (Including disconnect the water tank pipe line and reconnect after hydro work)	M2	110 00		
100 559 5	Treatment of the original base RCC floor to ensure complete hydro insulation of the original floor AND all material labour , tools complete as desired by EIC. Dr.Fixit Proof Coat Black Coating . Make : DR.FIXIT PROOF	M2	523		
100 559 6	PCC With chemical mixing of Dr.Fixit MPB / URP 1 Litre per Bag : Providing and laying PCC M 150 with chemical mixing as specified : (1 cement : 2 sand : 4 metal) with 20 MM down graded aggregate in foundation , floor etc. At all heights and position , and depth including shuttering , mixing , laying and CURING (minimum 7 days curing) etc . Complete with all labour and materials etc. Complete as per direction of EIC.Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , BAR - ISI MAKE , DR.FIXIT MPB / URP	CUM	50		

Item code	Description	UOM	Qty	FY1 7-18	
	(D) ARC civil (painting,fencing etc)				

e					
100 559 4	MS Gate : MS Gate : Providing and Fixing MS Gate at Township Quarters fabricated of iron in angle and flat Hold Fast of desired design (4 ' X 5 ') / (1.2 X 1.5) to weigh not less than 40 KGs with complete fittings of MS L Drop , MS Handle at Top . MS L Drop at Both Sides . Complete with Synthetic Enamel Painting over steel primer two coats of the gate by approved colour and shade . And as per locking arrangement specified , so that Gate can not be detached easily . With fixing of gate at Opposite Angle . Make : MATERIAL - ISI STEEL OF TATA TMT / JINDAL.	NO	50		
100 402 8	Providing & fixing in position barbed wire , straightened & fixed to MS POST complete with all labour & materials as per instruction of Engineer-in-charge. Make : ISI MAKE	RM	500 00		
100 408 8	Providing & fixing 6 mm thick AC sheet : Providing and Fixing 6 mm Thick AC Sheet of 10 feet , Including all material , labour , clamps , j hooks and tools etc . As directed by EIC.Make : ACC	M2	50		
100 421 2	Distempering : Providing and applying Distemper two or more coats, to give uneven shade including wall plaster, cracks repairing and applying POP entire wall on inside township quarters and public building in balco.washing floors, cleaning glass and cleaning work area etc,complete with all labours , tools , machines etc and complete as per direction of EIC.Make - ASIAN - TRACTOR	M2	650 00		
100 407 8	White washing : Providing and applying white washing 2 or more coats after ceiling plaster township quarters and public building balco. washing floors, cleaning glass and cleaning work area etc,complete with all labours , tools , machines etc and complete as per direction of EIC. Make : BIRLA	M2	100 00		
100 404 0	Providing one coat of primer-Synthetic Enamel Painting: Painting with synthetic enamel: Painting two or more coats to give an even shade with synthetic enamel / ready mixed paint of approved quality , shade and colour (Make: Asian Paints 1 st Quality / Acolyte) on old / new wooden / concrete / steel surfaces over a single coat of primer at all heights and positions include ng cleaning of surface , filling putty in cracks etc , labours and materials complete Complete as per direction of EIC. Make : ASIAN - APCOLYTE	M2	150 00		

100 559 7	WIND SOCKS : Providing and Fixing Wind Socks to Township Administration Department : Making and Supplying of Wind Socks prepared and stiched with best quality Satten Cloth / Parachute Material , water and sun resistant of length approximately 3 Meter . With 5 White Strips and 4 Black Strips of width 0.3 Meter Each in alternate sequence . Upper Diameter 1.56 Meter and Bottom Diameter - 1.5 Meter . With Nylon Thread at Front area . Complete with all material , stitching and supplying and labor cost and complete as per the direction and specification of the EIC.	NO	6		
100 535 9	STEEL STRUCTURE : Providing, fabrication and erection of steel structures including cutting, welding, drilling, providing nuts, bolts & washer etc. as per required diameter holes etc.(conforming to IS 226/1975) as per drawing/sketch including all labour & materials, all consumables like gas, welding rod shall be in contractor's scope. This includes painting of structure with synthetic enamel paint over a coat of primer with red oxide. Make : INCLUDING ANGLE , CHANNEL , PIPE , BEAM - TMT ISI TATA / JINDAL	KG	300 0		
100 423 9	Cleaning of storm water drains (main drain) and getting out mud, sand, silt, waste, vegetation and other debris etc. from pucca or kachha drains and removal of these waste materials upto existing bottom level of drain(depth 1.0m to 1.5 m) and disposal of these debris within a lead of 5 KM .Complete with all tools required for drain cleaning work , transportation , labour , tackles and complete as directed by EIC.It includes Cleaning of storm water open main drain of depth between 1.0 meter to 1.5 meter .	M	350 0		
100 494 1	Cleaning of storm water drains(sub drain) and getting out mud, sand, silt, waste, vegetation and other debris etc. from pucca or kachha drains and removal of these waste materials upto existing bottom level of drain(depth 0.5m to 1.0m) and disposal of these debris within a lead of 5 KM .Complete with all tools required for drain cleaning work , transportation , labour , tackles and complete as directed by EIC.It includes Cleaning of storm water open main drain of depth between 0.5 meter to 1.0 meter	RM	350 00		

100 396 5	Aluminium Paint:Painting two or more coats to give an even shade with Aluminium paint of approved quality and shade on old/new surface after proper cleaning and scrapping of outer surface. And applying Single Coat Paint Primer before Aluminium Painting . Complete as per direction of EIC. Make: ASIAN	M2	200		
100 418 6	Emulsion Painting : Providing and applying Emulsion Paint 2 or more coats, using roller & brush, to give uneven shade on after wall plaster and cracks repairing washing floors, cleaning glass and cleaning work area etc,complete with all labours , tools , machines etc and complete as per direction of EIC.Make - Asian Only	M2	100 00		
100 415 3	Slogan Writing: Writing of slogan in Hindi with Green Colour Ready Mix Paint. At all heights and positions in MS Boards , and Wall Surfaces. Complete with all labour , tools and machinery and complete as per direction and specification of the EIC.	FT2	100 0		
100 412 8	Providing & applying POP(Birla Putty) after scratching/rubbing the wall for making the surface in good as per the direction of EIC. Make: BIRLA	M2	100 00		
100 392 4	Fabrication and erection of steel structures including cutting, welding, drilling, providing nuts, bolts & washer etc. as per required diameter holes etc.(conforming to IS 226/1975) as per drawing/sketch including all labour & materials, all consumables like gas, welding rod shall be in contractor's scope. This includes painting of structure with synthetic enamel paint over a coat of primer with red oxide.(material will be supplied by Balco)	MT	1		
100 419 8	Random rubble stone masonry in cement mortar (1:4) with hard granite stone of 1 cft (0.027 cum) and above size , quarried, free from weathered skin and of approved quality in foundation, catch pits, Toe walls, drains & plinth with splays cutting & circular moulding whether necessary at all heights & depths including all cost, conveyance, royalty & other taxes of all materials including pointing and 50-60mm top finish with PCC1:2:4, watering and curing for required time etc. complete with pumping and bailing out of a sub-soil water, rain water etc., slush removal etc., all complete in all types of soils, transporting & depositing the spoil heaps or disposing as directed by EIC within a lead of 100M	M3	10		

100 408 7	Apex Painting : Providing and applying two or more coats of Asian APEX Exterior Emulsion of approved and existing colour , using roller & brush, to give uneven shade on outside wall surface (after crack repairs / hole filling) And applying ONE Coat of Exterior Wall Primer before applying Apex Paint. Including washing floors, cleaning glass and cleaning work area etc,complete with all labours , tools , machines etc and complete as per direction of EIC. Make: ASIAN APEX	M2	600 0		
100 424 2	Roof Cleaning : Complete Cleaning and disposal of Grass , Weeds , Garbage etc on Roof at all height and position including arrangement of scaffolding .Complete with disposal within a lead of 2 KM.Complete with all labor , tools and materials etc and complete as per the direction and specification of the EIC.	M2	100 00		
100 411 7	P & F Of transperent shets-Providing and fixing of PVC corrugated Sheets approved size (conforming to IS 495/1970) in roofing and wallings with 8 mm dia GI 'L' or 'J' hook, bolts, nuts, GI plain/cup washer etc. complete at all heights and positions as per direction of Engineer-in-charge.Note:Punching for provision of hole to fix the nuts and washers is not allowed, drilling of holes in place of the latter shall be strictly followed.(Payment will be made only for open area)	M2	10		
100 319 1	Pathway Flooring 75 MM Thickness - 75 mm thick concrete flooring : with 1:2:4 cement concrete (1cement : 2 sand : 4 down graded stone aggregate 20.0 mm nominal size) finished with floating coat of neat cement including dismantling CURING (minimum 7 days curing) . Complete as per direction of EIC. Make : CEMENT AMBUJA / ULTRATEC , 53 GRADE , OPC , BAR - ISI MAKE	SQM	400 0		
100 188 2	Repairing of MS Gate : Repairing of MS Gate ,Door , Window , Ventilator ETC including Welding Work , Welding of Gate L Drop , Upper Handle , fixing of available gate detached from pillar / damaged pillar complete with all labour , materials , civil and welding work . Complete as per direction if EIC.	NO	150		

	€ Water Tanker		FY1 7-18		
Item	Description	UOM	Qty		

code					
100 438 4	<p>Providing & transportation of 5000 Ltrs capacity Tractor ,trailer mounted water tankers with easy moment in local areas from Township Administration premises at any place with in 5 Kms peripheri of Balco Township Office viz Daihan Para, Bhadrapara, Housing Board, Nehru Nagar, Parsabhata, Ram Mandir Area etc.. as per directives of Township Authorities. The agency will have to provide 5000 Ltrs capacity Tractor trailer mounted water tankers with ready in all respect. The Water tanker should have arrangement for water filling at top and provisions of 2/3 taps on the rear side for water supply in buckets, drums etc. 10 Mtrs 2-3 " dia PVC pipe is also to be kept in the tankers for providing water at unreachable point. Each tanker will have to make 5 trips a day (20 trips for 4 tankers). Water will be provided free of cost from Township premises. The agency will have to provide Tanker with suitable vehicle, driver, helper etc. The running & maintenance cost of the vehicle & tanker will also be borne by the agency. At least 4 Nos water tankers with vehicles & driver will be available near Township office round the clock & take water to the directed place, distribute the water & come back immediately to township office for next trip.the water tankers shall be properly cleaned with covers and painted by yellow colour and cleanliness (inside & out side of tanker) should be maintained by the agency with all respects.</p>	TRP	100 0		

Water Supply					
Code	Description	Qty	Unit	Rate	Amount
1003883	<p>SUPPLY OF SKILLED/UNSKILLED MANPOWER Deployment of manpower for water supply maint work, scope of work:-1/- Regular qtrs compliant attended on job card basis.2/-Any Damage/leakage of main raising pipe line and Sever pipe line to be attended within eight hours. 3/-Any breakdown of Raw sewage pump to be attended within eight hours. 4/-All valve and pump to be repair/maint with PM schedule. 5/-Any emergency of pipe line system work is executed to continuous to complete the job. 6/- Laying of new pipe line of any dia GI/CI/Pipe as per site requirement and as per instruction of EIC.7/- All Tool Tackles(Greese,Safeda,Patua Ect.)</p>	2,500	NO		

	,Dewatering pump ,pipe cutter machine etc.and transportation is contractor scope -				
1003977	Earthwork in excavation for water supply pipe line Up To 1.50 M To 3.00 M Depth , Including bailing and pumping out of sub soil water, sewer water . Removal of slush, much as per specification and direction of ETC.	1,000.00	CUM		
1003870	HIRING OF JCB	50	HR		
1004763	Providing welding machine/ generator set with cutting set, grinder for ms/gi water pipe line / ci pipe line with electrode ,operator and material)	150	NO		
1003892	DEPLOYMENT OF HYDRA	50	HR		
1005606	Providing & transportation of tractor with tanker and trolly to distribution of water tanker at Township premises with in 5 Kms.	400	TRP		

Sanitation

Code	Description	Qty	Unit	Rate	Amount
1004151	Sewer line cleaning dia 100 to 200 mm pipe Sewer line cleaning , including cleaning of one manhole/inspection chamber of any depth on that line and disposal of rubbish, sludge etc.as direction by the EIC . The responsibilities for pumping and desilting where required shall rest with the contractor.	200,000.00	RM		
1004152	Sewer Line cleaning dia above 200 mm pipe Sewer line cleaning. Including cleaning of one manhole/inspection chamber of any depth on that line and disposal of rubbish. Sludge etc. as direction bythe EIC. The responsibilities for pumping and desilting where required shall rest with the contractor.	1,500.00	RM		
1004081	Construction of Inspection chamber with Construction of Inspection chamber with CI cover of approved size as per the direction of EIC.	600	NO		
1003923	Dismantling of gully trap chamber for replacement of pipe/fittings etc and making good the same including all associated works complete.	1,000	NO		

1004020	P&F 75 mm dia pvc pipe Providing & fixing ISI Mark PVC Pipe Heavy Duty and accessories, jointing with approved quality filler, including all labours and material complete .	2,000.00	RM		
1004017	P&F 100 mm dia pvc pipe Providing & fixing ISI Mark PVC pipe Heavy Duty and accessories, jointing with approved quality filler. Including all labour and material complete.	2,500.00	RM		
1004009	Providing & Fixing pvc plain bend 75 mm dia Plain Bend :- Provading & Fixing ISI mark PVC Plain Bend Heavy Duty and accessories, jointing with approval quality filler. Including all labour and m aterial complete.	1,500	NO		
1004008	Providing & Fixing pvc plain bend 100 mm dia :- Provading & Fixing ISI mark PVC plain bend Heavy Duty and accessories, jointing with approval quality filler. Including all labour and material complete .	1,200	NO		
1004007	Providing & Fixing PVC 75 mm tee With PVC ACCESSORY :- Provading & Fixing ISI mark PVC tee Heavy Duty and accessories, jointing with approval quality filler. Including all labour and material complete.	1,500	NO		
1004006	Providing & Fixing PVC 100mm tee With PVC accessory :- Provading & Fixing ISI mark PVC Tee Heavy Duty and accessories, jointing with approval quality filler. Including all labour and material complete .	1,400	NO		
1004016	P&F 100 mm dia PVC collar Providing & fixing ISI Mark PVC collar Heavy Duty and accessories, jointing with approved quality filler. Including all labour and material complete.	1,000	NO		
1004019	P&F 75 mm dia PVC collar Providing & fixing ISI Mark PVC collar Heavy Duty and accessories, jointing with approved quality filler. Including all labour and material complete.	1,000	NO		

1004018	P&F 100 mm MS Clamp with screws Including all labour and material complete .	800	NO		
1004021	P&F 75 mm MS Clamp with screws Including all labour and material complete .	583	NO		
1003998	P & F floor trap Providing & Fixing floor trap Providing and Fixing 75/100 mm of PVC floor trap wherever required i.e. kitchen, bath, wash basin etc. with all labour and materials complete.	1,300	NO		
1003996	Providing & Fixing 75/100 mm dia steel jali with labour and material complete	500	NO		
1004001	Providing & Fixing inspection chamber cover 800 X 800 X 75 mm	500	NO		
1004240	Cleaning of septic tanks	5	NO		
1004033	Providing & fixing of SWG pipe of dia 100 mm sewer line to replace the damaged pipe, including packing the joints with cement soaked spunya rn and jointing with CM (1:1) including excavation complete with material and labour.	1,700	NO		
1004085	Floor trap up to gully trap :- (Removal of chockage from sewer line/sanitary system of residential & public bulding desposal of refuse, surplus, sludge, stagnan t water, sewer water etc. as per specification and direction of EIC.)"	300	NO		
1004214	Water closer inspection chamber :- Water closer inspection chamber :-Removal of chockage from sewer line/sanitary system of residential & public buildings.including desposal desposal of refuse.Surplus. Sludge. Stagnant water. Sewer water etc. as per specification and direction of EIC.(b) Water closer inspection chamber	1,500	NO		

1004233	Chockage removal/cleaning of sewer pipe Chockage removal/cleaning of sewer pipe Chockage removal/cleaning of sewer pipe lines of all diameters from manhole to manhole at all depths both in dry and wet conditions including necessary pumping of water (Transfer of pump to the required location including maintenance of the same shall be under contractors scope), lifting and removal of waste sludge and disposing off the same outside the plant or as directed by EIC up to a lead of 5 Kms complete as per direction of EIC.	3,500	NO		
1003977	Earthwork inexcavation for manhole pipe line Up To 1.50 M To 3.00 M Depth :- Earthwork inexcavation for manhole pipe line trenches pits .Including bailing and pumping out of sub soil water, sewer water .Removal of slush, much as per specification and direction of ETC	8,000.00	CUM		
1004082	"Dismantling of pcc/rcc and back filling2.Dismantling of pcc /rcc/brick work and back filling of the same and make the surface as furnished.	8,000.00	M3		
1003878	PROVIDING&LAYING RCC 1:2:4 Providing & laying in position Reinforced cement concrete 1:2:4 (1 cement : 2 coarse s& : 4 graded stone aggregate 20mm) nominal size.	40	CUM		
1003877	PROVIDING&LAYING PCC 1:2:4 Providing & Laying in Position 1:2:4 (1 Cement: 2 Sand: 4 graded stone aggregate 20mm nominal size) plain cement concrete.	30	CUM		
1004065	Providing Brick work with bricks in cement mortar 1:6 in foundation,sub and super structures, manholes, drains etc. at all height and depths as per satisfaction & direction of EIC.	40	M3		
1004002	Providing & Fixing Manhole cover 1200 X 800 X 75 mm	30	NO		
1004988	de-watering pumps	120	NO		
1004239	Cleaning of drain	10,000.00	M		

1004670	operational manpower contract Providing Round the clock Operation and maintenance including repairing of sewerage disposal pump houses 1 & 2 such as providing fixing tightening, rubber packing, coupling bolts & bushes, foundation bolts, suction & delivery nuts & bolts and float valve, cleaning of pump house including unwanted hage/bushes cutting around the pump house with all miner & material equipements as per direction of site incharge.	1	MON		
1004283	"Cleaning of accumulated mud, sludge 1004005 P & F of IWC Pan sheet 350 NO 1,595.50 1004004 P & F of EWC Pan sheet 50 NO 1,855.38 1003864 DISMANTLING OF CONCRETE 400 LSM 121.01 1004760 Fixing /changing medium duty GI pipes 100.000 RM 95.25 1003945 25 mm thick cement concrete flooring 3,000.000 M2 89.99 1004110 Providing & fixing of ceramic floor tile 250.000 M2 556.30 1004069 Providing&fixing Ceramic wall tiles 100.000 M2 493.43 1003879 PROVIDING&PLACING PCC M15 100.000 CUM 2,244.43	1	SET		
1004005	Providing & Replacing IWC Pansheet of 1st Quality make with L/L Cistern & essential accessories like - Tee Bend,""P"" Trap, swg Pipe with WC flooring/jointing o f fillings complete Labours and Materials and as derected byEIC	350	NO		
1004004	Providing & Replacing EWC Pansheet of 1st Quality make with L/L Cistern & essential accessories like - Tee Bend,""P"" Trap, swg Pipe with WC flooring/jointing o f fillings complete Labours and Materials and as derected byEIC	50	NO		
1003864	DISMANTLING OF CONCRETE	400	LSM		

1004760	Fixing /changing medium duty GI pipes pipes of 15 to 25 mm dia at all positions, with all fittings including GI clamps,nails etc.making good the walls with cement plaster,if required dismantling of tiles, removal of existing pipes & fittings and depositing the same to the assigned place within a lead of 2.00 km complete. (GI pipes shall be issued free of cost at Balco store.),(Internal work only).	100	RM		
1003945	25 mm thick cement concrete flooring	3,000.00	M2		
1004110	Providing & fixing of ceramic floor tile	250	M2		
1004069	Providing&fixing Ceramic wall tiles	100	M2		
1003879	PROVIDING&PLACING PCC M15	100	CUM		
1004258	De-silting & cleaning of Sewer Trunk lin De-silting & cleaning of SewerTrunk line De-silting & cleaning of Sewer Trunk line, Sub Trunk line Manholes chambers in Balco township sewer disposal network of any dia ,depth, size of Manholes & re moval of silted material sludge, waste disposal at the lead of 5 KM from residential quarters, Making dressing, cleaning of site, de watering in the all labour and materialsas per direction of engineer incharge .	100	NO		
1004475	Treatment of the original base RCC floor to ensure complete hydro insulation of the original floor AND all material labour , tools complete as desired by EIC. Dr.Fixit Proof Coat Black Coating . Make : DR.FIXIT	700	M2		
1004033	Providing & fixing of SWG pipe of dia 200 mm sewer line to replace the damaged pipe, including packing the joints withcement soaked spunya rn and jointing withCM (1:1) including excavation complete withmaterial and labour.	1,200	NO		
1004749	Cleaning, removal of Debris	500	SQM		

sweeping and garbage disposal .					
Code	Description	Qty	Unit	Rate	Amount

1008095	<p>Collection & Disposal of garbage, w&quot;Collection & Disposal of garbage, wastes,spoils,dry leaf, debris & mud from Balco T/S qtrs and public building by deployment of 3 nos. of tractor with trolley, Driver & Helper (Rubber wheeled) to Barbaspur with in a lead of 20Km with garbage from dust bin through out the year, 3 trips in a day including tackling Dressing etc. with all materials, tools & labours as per direction of EIC.Collection of house hold garbage from door to door at all township qtrs.every morning at 8.30 am from 10 nos. of tricycle through out the year, waste shifting at barbaspur Yard. Regular Sweeping of Roads: by Providing adequate unskilled Manpower on through out the year to carry out the mentioned scope of work like cleaning and surface dressing around entire all sectors main & branch road & besides roads including areas of public places, and other areas inside Balco Township upto Parsabhata , complete with all labour, tools , material , tackles etc. as per the direction of the EIC. Sector -1,2,3,4,5,(including Hospital campus) , sector - 6 (Including Civic Centre),sector 7,MTI hostel, Air Strip,admin building and centralized Areas, Ambedkar Stadium,Ramlila ground,GET hostel,RR line security barrack,surabhi barrack. Disposal of animal dead body like cow,dog,buffalo & Cat etc).</p> <p>Note- All activities mentioned in the Item has to be ensured through the year.Penalty Clauses for the Item-</p> <p>1.In case of non-availability of tractor with trolley at the time of work, a total sum of Rs.300/day shall be deducted from the RA bill.</p> <p>2.In case of non-availability of tricycle , a total sum of Rs.150/day/tricycle shall be deducted from the RA bill.</p> <p>3. In case of non-removal of dead bodies from the concerned areas within 2 hours of intimation by telephonic or job card, a sum of Rs.50/day shall be deducted from the RA bill.</p> <p>4.Daily job status shall be certify by the EIC to ensure proper cleanliness of the designated locations. In case of poor housekeeping, a total sum of Rs.1000/day shall be deducted from the RA bill.</p>	12	MON		
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Pest control.					
Code	Description	Qty	Unit	Rate	Amount
1008660	Anti Larva treatmen Anti larval operation covering all breeding places at water collection chemical to be used Abate 50% EC Baytex1000 (frequency four times in a month) rate will be on pro rata basis if no anti larval operation is less than four in BALCO Township Baytex1000- 6Ltrs/year	12	MON		

1008659	Anti Mosquito Treatment Indoor spray anti mosquito emulsion inside the colony qtrs for approx-3000 qtrs , chemical to be used Melathion 50% EC Solfac (Cyfluthrin) frequency once in month in BALCO Township.	43,200	NO		
1008661	Outdoor Fogging Treatment Out door fogging operation at residential complexes, Chemical to be used Pyrethium or tech melathion EC50% with diesel and petrol for emulsion preparation frequency as one sector , two times in a month in BALCO Township Tech melathion EC - 10 ltrs/month.	9	MON		
1008658	Anti Termite Treatment Providing anti termite treatment for wooden door, windows by drilling/Spray wall in BALCO Township premises on as and when required basis.	50,000	FT2		
1008662	Removing Of beehives Removing beehives from various locations from township as and when required basis in BALCO township Premises	100	NO		
1008663	Snake control treatment Snake control and pied piper services (rst,bandicoot and mice) chemical to be used carbolic acid and forret for snake control as per requirement in BALCO Township Premises. Carbolic Acid- 4 ltrs/month	4	MON		

Horticulture.					
Code	Description	Qty	Unit	Rate	Amount
1004251	Manpower Deployment : Supplying and Deployment Monthly Charges for Horticulture Work (12 Manpower+ 1 Supervisor)- for Detail Scope of Work refer sheet Township).	12	MON		
1001644	Operation & Maintenance Monthly Operational & Maintenance Charges for Machinery. Note: Only machinery will be provided by Balco.) The item include complete operation & maintenance Cost with Supply of all type of accessories, Spares & Consumables along with maintenance.	24	NO		
1001071	fuel charges Fuel & Oil Charges (Based on Consumption).	1,200.00	L		
1001704	hiring of light vehicles Monthly Charges for Tata Pickup/Tractor including Driver, Fuel, Maintenance, Insurance, Road taxes etc.	12	MON		

Operation and maintenance of STP					
Code	Description	Qty	Unit	Rate	Amount

<p>100842 2</p>	<p>STP Operation & Maintenance Round the clock Operation and maintenance including repairing of STP pump such as providing fixing tightening, rubber packing, coupling bolts & bushes, foundation bolts, suction & delivery nuts & bolts and foot valve, cleaning of including unwanted hedge /bushes cutting with all man & material as per direction of site incharge - deployment of 4 (3+1) manpower per day). including electrical related work. #Sampling Frequency#1. Morning (collective of 7, 8 & 9 AM) Sample. It has to be analyzed immediately.#2. Evening (collective of 4, 5 & 6 PM) Sample. It has to be analyzed immediately / it has to be stored in Refrigerator and analyzed next morning.#Sampling Location #STP Inlet i.e., Before Bar Screen Chamber#STP Outlet i.e., Clear Water Storage Tank#Analysis record#Flow Meter Reading has to be recorded at 6AM, 2PM & 10PM and Documented.#Log sheet has to be maintained daily, which should reveal O & M Work Carried out at STP & it should even serve as a Document depicting internal communication.#PROCEDURE: #160000001#160;60000002#160;60000003#160;&#160; Bar Screens to remove coarse materials and floating debris.#Periodically Remove all the Screenings from the bar screen Manually#260000004#160;60000005#160;60000006#160;&#160; Equalization Tank /FAB Tank#Air is continuously blown through Diffusers #From ET/FAB Tank Well mixed Sewage .#3.Settled Sludge Should is periodically pumped to Sludge pit.# 4 Activated Carbon Filter & Pressurized Sand Filter(ACF & PSF)#60000007#160;60000008#160;60000009#160;&#160;60000010#160; Chlorinated water is first passed though ACF & then Through PSF and then Stored in Treated Water tank.#60000011#160; For Backwashing of Filters water is drawn from Treated water tank.#60000012#160;60000013#160;60000014#160;60000015#160;&#160; Treated water is used for Plantation Purposes.#5 Chlorine Dosing Pump # Preparation of NaOCl solution#Quantity of NaOCl should be prepared as per the instruction given by Officer#In case of abnormal#Inform to Supervisor#Civil Maintenance including repairing of pump foundations,cracks, pressure grouting,cleaning of all tanks, sludge removal etc with all PPE's#Electrical Maintenance including panel checking,repairing of motors,all panels and switches etc with all PPE's.#Mechanical Maintenance including fixing tightening, rubber packing, coupling bolts & bushes, foundation bolts, suction & delivery nuts & bolts and foot valve etc with All PPE's#Misc.including horticulture,house keeping, greenary, cleaning etc with all PPE's</p>	<p>12</p>	<p>MO N</p>		
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4) PERIOD OF CONTRACT:

1. Contract Duration: 1 Year.

However, BALCO reserve the right to extend the contract beyond the period or short close the contract without giving any reason thereof. The decision of BALCO shall be final and binding in this regards.

PAYMENT TERMS AND TAXES

The following terms of payment will be applicable for service part of this Agreement.

100% amount shall be paid against monthly RA bill duly certified by Owner's EIC.

Service Provider shall ensure that actual payment given to the workmen latest by 7th of every month and shall produce evidence of payment of wages paid through bank, along with PF, ESI payment evidence through Labour Payment Certificate by BALCO's HR Department (HR Clearance) along with the monthly bills to Security Department latest by 10th of the said month,

Monthly RA bills must be given within 10th of every month, if delayed then any issue related labor payment or bill approval is the sole responsibility of Service Provider

The amount deducted against security shall be released to Service Provider after final settlement on yearly basis.

The Service Provider shall get the invoice duly certified by BALCO in-charge and head of the concerned department about satisfactory completion of the work. Service Provider shall also submit NOC from BALCO's HR dept. along with each invoice. Payment will be made within 30 days from the date of bill submission.

BALCO shall without any prejudice to other rights be at liberty to deduct from the service charges any amount/damages/penalties due on Service Provider. The

payment of service charges or any other fees, charges or dues shall be subject to deduction of taxes / levies as applicable including income tax deduction at source.

3.2 Security Deposit will be 5% of the contract value.

This amount shall be calculated on yearly contract value and the same will be either deducted or a Security Deposit Bank Guarantee [Hereinafter referred to as SDBG] will be submitted.

From Second Year onwards Amount /Bank Guarantee [Hereinafter referred to as BG] will increase by additional amount to match the Revised Annual Contract Value for subsequent years of contract tenure.

Final Amount/BG shall be released on final settlement on certification of CSO on yearly basis.

Or Service Provider can deposit a SDBG in BALCO's standard Format of 10 % of the Annual Contract value valid till closure of the contract plus a claim period of 3 months. In that case there will be no deductions from the RA bills with respect to 15% of gross wages payable to labour and no security deposit deduction of 5%.

SCHEDULE I : STANDARD TERMS AND CONDITIONS

1. DEFINITIONS

1.1 In the Agreement, the following words and expressions shall, unless the context otherwise requires, have the following meanings:

"Affiliate" shall mean with respect to any person, any other person that, directly or indirectly, controls, is controlled by or is under common control of such specified person. For the purposes of this definition,

"control" means the direct or indirect beneficial ownership of more than fifty percent (50%) of the issued share capital, stock or other participating interest or the legal power to direct or cause the direction of the general management of the company, partnership or other person in question, and **"controlled"** shall be construed accordingly;

"Agreement" shall mean the Agreement

between the Company and the Service Provider to which this Schedule is attached. **"Purchase Order"** shall mean the document recording the specific Services to be carried out under this Agreement, from time to time.

"Fees" shall mean the prices and/or rates payable by the Company in respect of the Services and/or as specified in the relevant Purchase Order.

1.2 Unless otherwise stated, any and all references in the Agreement to Clauses are references to the Clauses of the Agreement.

1.3 The headings in the Agreement are used for convenience only and shall not govern or affect the interpretation of the Agreement.

1.4 Words denoting the singular shall include the plural and vice versa, where the context requires.

1.5 Except as expressly identified, any reference to statute, statutory provision or statutory instrument shall include any re-enactment or amendment thereof for the time being in force.

1.6 Unless expressly stated otherwise, all references to days, weeks, months and years shall mean calendar days, weeks, months and years.

2. SCOPE OF CONTRACT

2.1 The terms and conditions of the Agreement shall apply from the Effective Date and shall remain valid for the Term unless this Agreement is terminated earlier by the Company in accordance with Clause 10 below (Standard Terms and Conditions).

2.2 Subject to the provisions of this Agreement, the Parties agree that upon request of the Company in terms hereof, the Service Provider shall perform the Services at such locations and for such periods as may be agreed with the Company.

2.3 From time to time, the Company may issue a Purchase Order to the Service Provider. In such case, the terms and conditions of this Agreement shall apply to each such Purchase Order as if repeated in total.

2.4 The Service Provider shall commence the Services on the scheduled commencement date stated in the Purchase Order and shall continue such Services for the duration of the Purchase Order. Each Purchase Order is subject to agreement on a case by case basis.

3. SERVICES

3.1 The Service Provider shall perform the Services with all due skill, care and diligence in a safe, competent and timely manner and in accordance with the requirements of the Agreement and/or the relevant Purchase Order.

3.2 Except to the extent that it may be legally or physically impossible, the Service Provider shall comply with the Company's instructions and directions in all matters relating to the Services consistent with the provisions hereunder.

3.3 The Service Provider shall agree with the Company in the relevant Purchase Order from time to time as regards the personnel who will perform the Services and shall:

- (a) only provide such personnel who possess appropriate experience, skills and qualifications necessary for the Services to be performed in accordance with this Agreement;
- (b) not remove or replace such personnel without the prior written consent of the Company (not to be unreasonably withheld); and
- (c) nominate a senior manager or director of the Service Provider to have overall responsibility for the provision of the Services in terms of the relevant Purchase Order, which person shall attend any meetings with the Company on reasonable prior notice.

3.4 The Company shall be entitled to request the Service Provider to replace any of its personnel providing the Services, where in the Company's reasonable opinion such person is incapable and or unsuitable for performing the Services required by this Agreement. The Service Provider shall promptly replace such person at no additional cost to the Company.

3.5 Without prejudice to any other rights of the Company under the Agreement or at law, if the Service Provider fails to perform the Services in accordance with the provisions of this Agreement, the Company may use alternative means to perform the Services and the Service Provider shall be liable for any additional cost incurred by the Company in using such alternate means.

4. FEES

4.1 The Company shall pay for the Services performed in accordance with the prices as per Attachment 2 to Schedule 1 and/or rates specified in the relevant Purchase Order.

4.2 In case of contingency assignments, the agreed fees for such onetime Services shall

be payable on completion of the relevant assignment as per the Purchase Order.

5. SERVICE PROVIDER'S GENERAL OBLIGATIONS

5.1 The Service Provider shall, and the Service Provider shall ensure that its employees and representatives shall, in performing its obligations under this Agreement, comply in all respects with all relevant laws, statutes, regulations and orders for the time being in force.

5.2 Where any of the Service Provider's employees or representatives is present at any of the Company's premises for the purposes of this Agreement, the Service Provider shall at all times remain responsible for the conduct and safety of such employee or representative.

5.3 The Service Provider shall not, in performing its obligations under this Agreement, hold itself out or permit any person to hold it out as being authorised to bind the Company in any way and will not commit any act which might reasonably create the impression that it is so authorised.

5.4 The Service Provider shall ensure that it has in place and maintains in place for the duration of this Agreement sufficient insurance to comply with all applicable laws and to cover its potential liabilities under this Agreement and shall provide evidence of such insurances to the Company on request.

5.5 The Service Provider may not subcontract any of its obligations under this Agreement without the prior written consent of the Company. The Service Provider shall not be relieved from any of its obligations or liabilities under the Agreement by virtue of any subcontract and the Service Provider shall be responsible for all Services, acts, defaults or omissions of its subcontractors (and its or their employees and consultants) as though they were the services, acts, defaults or omissions of the Service Provider.

5.6 In performing the Services, the Service Provider shall:

- (a) give preference to the purchase and use of goods manufactured, produced or supplied in India provided that such goods are available on terms equal or better than imported goods with respect to the timing of delivery, quality, quantity required, price and other terms;
- (b) subject to Clause 5.5, employ Indian subcontractors having the required skills or expertise to the maximum extent possible insofar as their services are available on comparable standards with those obtained elsewhere and at competitive prices and on competitive terms, provided that where no such sub-Contractors are available, preference shall be given to non-Indian subcontractors who utilise Indian goods to the maximum extent possible, subject to the proviso in Clause 5.6 (a) above; and
- (c) subject to Clause 5.5, co-operate with and assist Indian companies as subcontractors to enable them to develop skills and technology to service the petroleum industry.

5.7 The Service Provider shall maintain proper and accurate records in relation to the Services and shall provide copies of the same to the Company on request. The Company (or its appointed representative) shall have the right to audit the relevant books and accounts of the Service Provider in relation to any reimbursable charges paid for by the Company under this Agreement. Such audit right shall survive for a period of 2 (two) years following the expiry or termination of the Agreement. Any incorrect payments identified by such audit shall be adjusted between the Parties as appropriate.

6. THIRD PARTY CLAIMS AND LIMITATION OF LIABILITY

6.1 The Service Provider shall be liable for and shall defend, indemnify and hold the Company harmless from and against any and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with:

- (a) any claim made by any third party (including, but not limited to, any claim made by any governmental or statutory authority) against the Company arising out of or in connection with the performance by the Service Provider of its obligations under this Agreement.
- (b) any infringement (whether actual or alleged) of any patent or other intellectual property right arising out of or in connection with the performance of this Agreement by the Service Provider.

6.2 Notwithstanding anything to the contrary in this Agreement, in no event shall either Party be liable to the other, whether arising under Agreement, tort (including negligence), strict liability or otherwise, for any indirect, consequential, special, punitive, exemplary or incidental loss or damages of any nature arising at any time from any cause whatsoever.

1. VARIATIONS

7.1 At any time during this Agreement, the Company may request the Service Provider to vary, amend or otherwise alter the Services (a "Variation Request").

7.2 Upon the receipt of a request from the Company pursuant to Clause 7.1, the Service Provider shall, within 7 days, notify the Company of the effect of the Variation Request on the Fees and/or other terms of the relevant Order.

7.3 If following receipt of the Service Provider's response pursuant to Clause 7.2, the Parties are in agreement on the Variation Request and the adjustments to be made to the

relevant Purchase Order, the Parties shall execute a variation order (a "Variation Order") to reflect such agreement.

7.4 The Services shall not be varied, amended or otherwise altered and/or the Fees shall not be adjusted until such time as a Variation Order is executed by both Parties.

8. PAYMENT

8.1 In addition to any requirements set out in the relevant Purchase Order, each invoice shall:

- (a) be in duplicate;
- (b) bear the Contract Number stated on the cover sheet to the Agreement;
- (c) state the name, e-mail address, mobile telephone number of the Company's Representative; and
- (d) be accompanied by supporting evidence and itemised in accordance with the Company's requirements.

Specifically, the Service Provider shall submit the following information/documents to the Company:

- (i) Copy of registration certificates under Indian tax/other laws including but not limited to Service Tax, Excise, import export code etc., as applicable.
- (ii) Copy of PAN.

Invoices to the Company shall be sent to the address set out in the Agreement. Service Provider must ensure that all invoices for services performed or goods delivered are submitted to the Company within 90 days.

8.2 The Company shall make payment of a correct invoice within 45 days of receipt to the Service Provider's nominated bank account. Any invoice not complying with the provisions of this Agreement will be returned by the Company and the Service Provider shall submit a rectifying invoice.

8.3 The Company may dispute any amount on an invoice and withhold the disputed amount provided that:

- (a) the Company makes payment of any undisputed portion of the invoice and notifies the Service Provider of the disputed amount within 45 days of receipt of the relevant invoice;
- (b) if the dispute is resolved in favour of the Service Provider, the Company shall pay the disputed amount within fifteen (15) days of the date of the resolution of the dispute or forty-five (45) days of receipt of the invoice, whichever is later.

If the dispute is resolved in favour of the Company, the Service Provider shall forthwith issue a credit note for the disputed amount.

8.4 The Company shall be entitled to set-off / adjust / deduct from any invoice under this Agreement, any payment due from the Service Provider to the Company or any of its Affiliates.

9. TAXES

9.1 Definitions

For the purposes of this Clause 9:

- (a) "Tax" or "Taxes" means taxes, levies, duties, fees, charges and contributions as amended from time to time and any interest or penalties thereon;
- (b) "Government Authority" or "Government Authorities" means any local or national government or authority of any country, competent to levy any Tax.

9.2 Person Responsible for payment of Taxes

Except as may be expressly set out in this Agreement, the Service Provider shall be responsible for:

- (a) the payment of all Taxes now or hereafter levied or imposed on the Service Provider or its subcontractors or on the personnel of the Service Provider or its subcontractors by any Government Authority in respect of any wages, salaries and other remuneration paid directly or indirectly to persons

engaged or employed by the Service Provider or its subcontractors (hereinafter referred to as "Personal Income tax");

- (b) the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the actual/assumed profits and gains made by the Service Provider or its subcontractors (hereinafter referred to as "Corporate Income tax");
- (c) the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the services, if any, provided to the Company by the Service Provider or its subcontractors (hereinafter referred to as "Service tax");
- (d) the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the goods, if any, sold to the Company by the Service Provider or its subcontractors (hereinafter referred to as "Sales tax/VAT");
- (e) the payment of all Taxes now or hereafter levied or imposed by any Government Authority on the goods, if any, manufactured by the Service Provider or its subcontractors for sale to the Company (hereinafter referred to as "Excise Duty"); and
- (f) the payment of any other Taxes now or hereafter levied or imposed by any Government Authority on the Service Provider or its subcontractors as a result of the performance of this Agreement.

9.3 Withholding taxes and Withholding certificates

9.3.1 The Company shall, at the time of its payments due to the Service Provider, withhold the necessary taxes at such rate as is required by any Government Authority, unless and to the extent that the Service Provider shall produce to the Company any certificate issued by a Government Authority (having authority to issue such certificate) entitling the Service Provider to receive the payments under the Agreement for a prescribed period without deduction of any tax or deduction at a lower rate.

9.3.2 The Company shall provide the necessary withholding tax certificates to the Service Provider within the time stipulated by the relevant law to enable the Service Provider to file the same with the Government Authority as a proof of payment of such taxes.

9.4 Person Responsible for filing of returns / information to Government Authorities

9.4.1 The Service Provider shall be responsible for filing all necessary Tax returns (including, without limitation, returns for Corporate Income tax, Personal Income tax, Service tax, Sales tax and Excise Duty) with the relevant Government Authorities in accordance with all applicable statutory requirements and shall be responsible for providing all information requested by such Government Authorities.

9.4.2 The Service Provider shall also ensure that its sub-Contractors file such returns as stipulated by the relevant Government Authorities and furnish such information as requested for by the relevant Government Authorities.

9.4.3 The Company, with respect to the tax withheld from the Service Provider in accordance with Clause 9.3 (Withholding Tax and Withholding Tax Certificates), shall be responsible for filing the withholding tax returns with the relevant Government Authorities in accordance with applicable statutory requirements.

9.5 Company's rights, if treated as representative assessee by Government Authorities

In certain situations, a Government Authority may treat the Company as the representative assessee of the Service Provider and/or its subcontractors and recover the Taxes due to the Government Authority by the Service Provider or its subcontractors from the Company. In such situations, the Company shall have the following rights:

- (a) The Company shall be entitled to recover from the Service Provider, the Taxes paid on behalf of the Service

Provider or its sub-contractors (together with any costs and expenses incurred by the Company in connection therewith) or to retain the same out of any amounts to be paid to the Service Provider or its sub-contractors that may be in its possession (whether due under this Agreement or otherwise) and shall pay only the balance, if any, to the Service Provider; and

- (b) If the Company is required to furnish any details or documents in such capacity, the Company shall request the details or documents to be furnished to it by the Service Provider and the Service Provider shall immediately furnish the same to the Company. If the Service Provider fails to comply with the foregoing, any penalty/interest levied on the Company for non-filing or late filing of details or documents in this regard shall be recoverable from the Service Provider.

9.6 Indemnity

The Service Provider shall defend, indemnify and hold the Company harmless from and against any and all claims, liabilities, costs, damages and expenses (including court costs and legal fees) in connection with any Taxes which may be levied or imposed on the Service Provider or its sub-contractors by any Government Authority arising out of or in connection with the performance of this Agreement.

9.7 Changes in Law

If, after the date of execution of this Agreement, there is any change in law which results in a change in the rate of any Tax included in the Service Provider's prices or rates or the introduction of a new Tax and such change results in an increase or decrease in the cost to the Service Provider of performing this Agreement then the Parties shall agree to a revision in pricing to reflect such change provided that:

- (a) the Party requesting such revision shall promptly (and in any case prior to submission of the Service Provider's final invoice under this Agreement)

notify the other Party that such change in law has arisen; and

- (b) the Party requesting such revision shall provide the other Party with documentary proof of such change in cost to the reasonable satisfaction of the other Party; and
- (c) the provisions of this Clause 9.7 shall not apply to changes in Personal Income tax or Corporate Income tax or to changes in non-Indian Taxes.

10. TERMINATION

- 10.1 Either Party may, at any time and without cause, terminate all or part of this

Agreement by giving no less than [30] days' prior written notice to the other Party. Provided that, if any Purchase Order has already been initiated and the work is in progress, then the Company only shall have the right to cancel/ terminate any Work under the relevant Purchase Order as specified in such Purchase Order without cause and with immediate effect.

- 10.2 In addition, the Company may terminate all or part of this Agreement with immediate effect by written notice to the Service Provider if one of the following circumstances occurs:

- (a) if the Service Provider breaches any provision of this Agreement, provided that where remediable, the Company has notified the Service Provider of such breach and the Service Provider has upon receipt of such notice, failed to immediately and thereafter continuously proceed to remedy such breach to the Company's reasonable satisfaction; or
- (b) if the Service Provider becomes insolvent or bankrupt or makes a composition or arrangements with its creditors; or
- (c) if the Service Provider is wound up or a resolution for its winding up is made (other than for the purposes of

an amalgamation or reconstruction whilst solvent); or

(d) if the Service Provider has a liquidator, provisional liquidator, receiver, administrator or an administrative receiver or manager of its business or undertaking appointed; or

(e) if the force majeure under Clause 14 continues for more than thirty (30) days.

10.3 In the event of cancellation/ termination of all or part of this Agreement for any reason, the Company's sole liability to the Service Provider in respect of such cancellation/ termination shall be to make payment of the Fees properly due under this Agreement up to the date of termination.

10.4 The expiry or termination of this Agreement shall be without prejudice to the rights and obligations of the Parties up to and including the date of expiry or termination and shall not affect or prejudice any term of this Agreement that is expressly or by implication provided to come into effect on, or continue in force after, such expiry or termination.

11. CONFIDENTIALITY

11.1 The Company and the Service Provider shall keep any information which either Party learns about or receives from the other pursuant to this Agreement in strict confidence and will not disclose the same to any third party without the prior written consent of the other Party. The foregoing restriction shall not apply in respect of information which the Company requires to disclose for the purpose of performing Services or which was in the possession of the disclosing party prior to this Agreement or which is required to be disclosed by any law, rule or regulation of any governmental agency or court order. The provisions of this Clause shall survive the expiry of termination of the Agreement for a period of 3 years.

11.2 The Service Provider shall not disclose such Information(s) to any potential subcontractors until such time and in manner agreed by Company in writing. The decision of the Company will be final and binding on the Service Provider in this regard.

11.3 The Service Provider shall use best endeavours to prevent the authorised disclosure of the all information hereunder. Where any information is required to be disclosed under Clause 11.1, the Service Provider shall give prompt notice to the Company and shall use its best commercial endeavours to limit the extent of any such disclosure.

12. NOTICES

12.1 Any notice or other communication required or given under this Agreement shall be delivered in writing either by hand or by courier, registered mail with acknowledgment due, or fax to the address of the relevant Party set out in the Agreement (or such other address as may be notified by the relevant Party from time to time).

12.2 If a notice is delivered by hand or courier during normal business hours of the intended recipient it shall be deemed to have been received at the time of delivery otherwise on the next business day of the recipient. A notice sent by facsimile shall be deemed to have been received at the time when the sender's facsimile machine acknowledges transmission provided however that if the time of acknowledgement of transmission is after 5.00pm on a business day of the recipient it shall be deemed to have been received on the next business day of the recipient.

12.3 All notices or other communications between the Parties shall be in the English language.

13. GENERAL LEGAL PROVISIONS

13.1 The Company shall be entitled to assign this Agreement to an affiliate/subsidiary or on giving written notice to the Service Provider. Save as aforesaid, the Service Provider shall not be entitled to assign this Agreement or any part or any benefit or interest in or under it without the prior written approval of the Company which the Company may at its sole discretion accept or refuse.

13.2 This Agreement shall not be amended or modified except by mutual agreement in writing between the Parties.

13.3 This Agreement and the all Schedules and Attachments annexed hereto contains the whole agreement between the Parties relating to the subject matter of this Agreement, and supersedes any previous understandings, commitments, agreements or representations in respect of the subject matter.

13.4 No delay or failure on the part of either Party to enforce from time to time all or any part of the terms and conditions of this Agreement shall be interpreted as a waiver of such terms and conditions.

13.5 Nothing in this Agreement shall, or shall be deemed to, create an agency, a partnership or a relationship of employer and employee between the Parties. For the avoidance of doubt, nothing in this Agreement shall prevent or restrict the Company from entering into parallel Agreements with other parties for services similar or related to the Services.

13.6 Unless otherwise specifically stated, both the Company and the Service Provider shall retain all rights and remedies, both under the Agreement and at law, which either may have against the other.

13.7 Each Party represents and warrants to the other that (i) it has been duly registered and organised and is a validly existing legal entity under the laws of the jurisdiction of its incorporation and that it has full power,

authority and capacity to enter into and to carry out its obligations under the Agreement and (ii) by performing the Services it will not be in breach of any other Agreement, agreement, license or permit or in violation of any law and (iii) it shall at all times act in accordance with applicable laws and regulations.

13.8 The Service Provider shall comply with all safety instructions of the Company consistent with the provisions of the Agreement including, without limitation, the safety instructions of any of the Company's other Service Providers. Such instructions shall, if the Service Provider so requires, be confirmed in writing by the Company's Representative, so far as practicable.

13.9 The Service Provider shall not be entitled, without the written consent of Company, to make any news release or public announcement concerning the subject matter of the Agreement or to refer to the Company, use its name or logo, in print or electronic forms for marketing or reference purposes.

13.10 If any provision of this Agreement is prohibited, invalid or unenforceable in any jurisdiction, that provision will, as to that jurisdiction, be ineffective to the extent of the prohibition, invalidity or unenforceability without invalidating the remaining provisions of this Agreement or affecting the validity or enforceability of that provision in any other jurisdiction, unless it materially alters the nature or material terms of this Agreement.

13.11 The provisions of this Agreement are solely for the benefit of the Parties. No other person are intended to have, nor will have, any rights whatsoever, under this Agreement, whether for injury, loss or damage to person(s) or property or for economic loss.

13.12 This Agreement may be executed in one or more counterparts, each of which will be deemed to be an original copy of this Agreement and all of which, when taken

together, will constitute one and the same instrument.

14. FORCE MAJEURE

14.1 Neither the Company nor the Service Provider shall be responsible for any failure to fulfil any term or condition of the Agreement if and to the extent that fulfilment has been delayed or temporarily prevented by a force majeure occurrence such as any (a) Act of God, (b) fire, flood, earthquake, (c) war, riot, insurrection and civil commotion, mobilization or military, call up of a comparable scope, which has been notified in accordance with this Clause 14 and which is beyond the reasonable commercial control and without the fault or negligence of the party affected and which, by the exercise of reasonable diligence, the said party is unable to provide against.

14.2 In the event of a force majeure occurrence, the party that is or may be delayed in performing the Agreement shall notify the other party without delay giving the full particulars thereof and shall use reasonable endeavours to remedy the situation without delay.

14.3 Save as otherwise expressly provided in the Agreement, no payments of whatever nature shall be made in respect of a force majeure occurrence.

14.4 Following notification of a force majeure occurrence in accordance with Clause 14.2, the Parties shall meet without delay with a view to agreeing a mutually acceptable course of action to minimise any effects of such occurrence.

15. BUSINESS ETHICS

15.1 The Service Provider shall declare any conflicts of interest with the Company including relationship or financial interest of any nature whatsoever with employees, managers, other suppliers, vendors or stakeholders of the Company.

15.2 The Service Provider shall not use the services of any of the employees of the Company,

directly or indirectly or enter into any sort of monetary transaction with the employees of the Company. The Service Provider undertakes that he has not given, offered or promised to give directly or indirectly any bribes, commission, gift, consideration, reward, or inducement to any of the employees of the Company or their agent or relatives for showing or agreeing to show favor or disfavor to any person in relation to this Agreement or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the aforesaid undertaking, by the Service Provider, or his partners, agent or servant or any one authorized by him or acting on his behalf. The Service Provider undertakes that in the event of use of any corrupt practices by the Service Provider, the Company shall be entitled to terminate the Agreement forthwith and recover from the Service Provider, the amount of any loss arising from such termination. A decision of the Company or his nominee to this effect that a breach of the undertaking had been committed shall be final and binding on the Service Provider.

15.3 If at any time during execution or performance of this Agreement the Service Provider is faced with any undue demand, request for gratification or favor from any employee of the Company or a person connected with such employee, the Service Provider **must report the same immediately at** Balco.whistleblower@vedanta.co.in.

15.4 The Service Provider agrees to comply with the provisions of the Company's Supplier Code of Conduct and the Company's Human Rights Policy including the Modern Slavery Act and in case of breach thereof, the same shall be treated as a breach of this Agreement.

15.5 The Service Provider shall maintain records and provide to the Company upon request such records and evidences, as the Company may reasonably require, confirming the Service Provider's

compliance with the obligations under Clause 15.4.

- 15.6 The Service Provider shall comply with the Anti-Bribery and Corruption (AB&C) requirements as applicable to them.
- 15.7 The Company shall have a right to initiate "audit proceedings" against the Service Provider to verify compliance with AB&C requirements. Such audit may be carried out by Company or by a reputed agency to be appointed by Company at the sole discretion of Company. The Service Provider shall extend full cooperation for smooth completion of the audit mentioned herein.
- 15.8 Notwithstanding anything in this agreement, Company shall have right to terminate the Agreement forthwith in case, it is found that the Service Provider has failed to comply with AB&C requirements.
- 15.9 The Service Provider may submit/report 'Complaints' pertaining to any violation to the Company's ethical business practices as specified in the Company's Code of Conduct Policy.

External stakeholders such as vendors, customers, business partners etc. have the opportunity to submit 'Complaints'; however, the Company is not obligated to keep 'Complaints' from non-employees confidential or to maintain the anonymity of non-employees. We encourage individuals sending 'Complaints'/raising of any matter to identify themselves instead of sending anonymous 'Complaints' as it will assist in the effective complaint review process.

Post review, if the complaint is found to be have been made with malafide intention, stringent action will be taken against the complainant. We encourage reporting genuine 'Complaints' and those submitted in true faith.

All the 'Complaints' under this policy should be reported to the Group Head-Management Assurance at the following address:

Group Head – Management
Assurance, Vedanta, 75 Nehru Road
Vile Parle (E), Mumbai 400 099

'Complaints' can also be sent to the designated e-mail id:
Balco.whistleblower@vedanta.co.in.

16. GOVERNING LAW AND DISPUTE RESOLUTION

16.1 This Agreement shall be governed by, construed and enforced in accordance with the laws of Korba, Chhattisgarh [India].

16.2 Any dispute or difference whatsoever arising between the parties out of or relating to the interpretation, meaning, scope, operation or effect of this Agreement or the existence, validity, breach or anticipated breach thereof or determination and enforcement of respective rights, obligations and liabilities of the parties thereto shall be amicably settled by way of mediation. If the dispute is not conclusively settled within a period of twenty-one (21) days from the date of commencement of mediation or such further period as the parties shall agree in writing, the dispute shall be referred to and finally resolved by arbitration under the Arbitration and Conciliation Act, 1996 (as amended from time to time), which are deemed to be incorporated by reference into this clause. The arbitration shall be conducted as follows:

(i) A sole arbitrator shall be appointed in case the value of claim under dispute is less than ₹ 50,00,000 (Rupees Five Million Only) and in any other event by a forum of three arbitrators with one arbitrator nominated by each Party and the presiding arbitrator selected by the nominated arbitrators.

(ii) The language of the mediation and arbitration proceedings shall be English. The seat of arbitration shall be Korba, Chhattisgarh [India].

(iii) The award made in pursuance thereof shall be final and binding on the parties. The right to arbitrate Disputes under this Agreement shall survive the expiry or termination of the Agreement.

OTHER TERMS & CONDITIONS¹

17. STATUTORY COMPLIANCES & CLEARANCES

a) The Service Provider shall be solely liable for Statutory Compliance in respect of all applicable laws of land existing as on the date of the Contract as well those notified by the Central/ State Government from time to time including but not limited to compliance of provisions of Contract Labour (Regulation and Abolition) Act, 1970, Employees State Insurance Act, 1948, Employees Provident Funds and Miscellaneous Provisions Act, 1952, Minimum Wages Act, 1948, Payment of Bonus Act, 1965, Payment of Gratuity Act, 1972, Payment of Wages Act, 1936, Employees Compensation Act, 1923, Interstate Migrant Workmen (regulation of Employment and Conditions of Service) Act, 1979 etc in respect of all employees employed by the Service Provider, directly or indirectly or through any sub-contractor. The Service Provider shall be solely responsible for maintenance of records and filing of various forms/ returns prescribed under all applicable Central/State Labour laws and Regulations/Rules made thereunder in respect of Workmen employed or engaged by it.

b) Company shall be entitled to deduct/adjust from amount payable to the Service Provider, any dues, wages, compensation on accident or death, expenses incurred for benefits, provision for amenities and amounts paid or payable by the Company in

compliance with the applicable laws, in respect of workmen/employees of the Service Provider.

c) The Service Provider shall ensure compliance under the Safety Provisions of the applicable State/ Central laws and shall ensure that its employees are trained, competent, physically and mentally fit for the assignment and are not suffering from any chronic or contagious disease.

Service Provider is responsible for the safety and security of all men and materials employed by him. Service Provider should provide all safety equipment (such as tools & tackles, aprons, gloves, safety shoes etc) to all Service Provider team members. Service Provider should provide adequate coverage against any accident met by Service Provider's team during the period of Contract. Service Provider shall indemnify the Company and its officers against any claim, dispute and litigations arising in this regard. Further no separate consideration shall be payable by Company for the same.

The Service Provider shall take all the required clearances under the applicable laws which includes but is not limited to Environment Protection Act, CG Land Revenue Code, CG Municipal Corporation Act etc. for successful discharge of all his obligation under his scope of work.

18. SUSPENSION

No compensation for alteration of schedule or suspension of work.: If at any time after the award of contract the BALCO shall for any reason whatsoever not require the whole work done or part thereof as specified in the acceptance of the contract , BALCO shall give notice in writing of the same to the Service Provider and the Service Provider shall not be entitled to any compensation and / or damage of any kind whatsoever, nor the contractor will be entitled to any claim for compensation for re scheduling of delivery period.

¹ Other terms and conditions (Clause 17-27) is BALCO specific terms and conditions and is in addition to the Standard terms and conditions released as per the Corporate policy.

19. RELATIONSHIP BETWEEN THE SERVICE PROVIDER AND THE COMPANY

Personnel engaged/employed by the Service Provider shall be deemed employees of the Service Provider and will not for any purpose be considered employees or agents of the Company. Except as may otherwise be provided in this Contract, each Party shall be solely responsible for the supervision, daily direction, and control of its employees and payment of their salaries/wages, benefits, provision for amenities, compensation, disability benefits and the like.

20. SERVICE PROVIDER'S OBLIGATIONS/LIABILITIES

- a) The sole responsibility of the performance of the sub-contractor rests with the Service Provider and the Service Provider shall be liable for any work done by its sub-contractor, agents, employees or officials. However, the Company reserves the right to claim damages and enforce rights on the sub- contractor solely or jointly with the Service Provider but such enforcement will not absolve the Service Provider from any liability.
- b) The Service Provider shall advise the Company regarding, compliances, if any to be made by the Company.
- c) The Company shall, without prejudice to its other rights be entitled to deduct/ adjust from any dues payable to the Service Provider or any security, all amount(s) which the Company may be liable to pay, incur or sustain as a result of the performance or non-performance, observance or non-observance of any of the terms of this Contract by the Service Provider

21. SERVICE PROVIDERS'S WARRANTIES & REPRESENTATIONS

- a) The Service Provider hereby, warrants and represents that:

- b) The Services under this Contract shall be strictly in accordance with the agreed terms.
- c) The Services to be provided under this Contract shall not infringe any third party intellectual property rights.
- d) The Service Provider hereby represents to the Company that, as of the date of signing of the Contract, the Service Provider has received no notification of any rightful patent infringement claim which would prejudice the Company's right to use or maintain the Plant.

22. PENALTY FOR VIOLATION OF SAFETY MEASURES:

In case of any violation of safety measures and or on noncompliance of safety PPE by the Service Provider or his employee (s) BALCO may penalise the Service Provider as follows:

Rs 500/- First time

Rs 1000/- Second time onwards

If Service Provider continues failing to provide the safety &/ or PPE BALCO reserves its right to terminate the contract.

At any point of time safety compliance will be checked by BALCO's SAFETY department or Execution Department. The Service Provider shall immediately upon knowing of any accident, damage or losses, in which he is involved on the site, should inform the area-in-charge.

The Service Provider shall take all safety precautions and provide adequate supervision by competent persons in order to do the job safely and without damage to plant, personnel, equipment, and the environment.

23. DISCIPLINE AT WORK AREA:

Service Provider has to maintain discipline at work area. He has to keep the area neat and

clean after work is over .All the spares, waste material like oil grease etc. has to be kept at designated area and cleaned the work place after job is over.

In case, maintenance activities are found to be suffering due to non-performance by Service Provider's employees or job negligence, then suitable punitive action will be taken by BALCO for the same.

24. EMERGENCY:

The Service Provider shall ensure that its workers follow the following instructions:

1. To contact fire control room on telephone No. 5333, 5219,5393,2333,242033 and inform name, location and brief of the emergency. If telephone is not available, break the glass of nearest manual call point of fire alarm or use the nearby portable fire extinguisher if you know the operation of the extinguisher.
2. Rush to the location of Emergency and assess the situation Combat the Emergency with the help of the available people using fire hydrant and fire extinguisher.
3. Rush to nearby assembly point [displayed in the department] in case of an extreme emergency.
4. As soon as any Emergency call, the Fire control room operator will immediately ask the Turn out no.1 available at Fire Station plant-I to rush at the emergency spot.
5. He will simultaneously inform to Main Security Gate of respective plants.

25. OCCUPATIONAL HEALTH & SAFETY (OH & S):

The Service Provider shall be responsible to take all precautions to ensure safety of the labours / workers at work. The Service Provider will supply his labours / workers safety equipment as per rules. If you are bringing your own equipment to carryout of job in side the plant

such equipment should be subject hazard identifications and risk assessment prior to commencing of work.

The persons engaged by the Service Provider shall be given appropriate awareness on OH&S, those personal who will carry out jobs affecting OH&S shall be properly trained and made competent for the job performed by them. During emergency situation which may be faced in the plant your personal should move to the emergency shelters. They should not spread any rumour. (An OH & S booklet is available in Safety Deptt and is required to be signed by the Service Provider agreeing to comply with the same.

26. DAMAGE TO BALCO'S PROPERTY:

Any loss / damage to BALCO due to negligence or wilful attitude of the Service Provider or his employees while execution of the contract shall be recovered from the Service Provider's pending bills.

27. VEDANTA SUSTAINABILITY CLAUSES

27.1 HEALTH, SAFETY AND ENVIRONMENT (HSE) SYSTEMS

Designation of Supervisor: The Service Provider shall specify one of its employee as the Site HSE Supervisor who shall be responsible for attending HSE matters at all levels at the site of work, including emergency response.

Attendance of Service Provider: The Service Provider shall ensure that its site HSE supervisor is present at the place of work and performs supervisory functions at all times whenever four or more workers of the Service Provider or its sub-Service Providers are present at the place of work.

Statutory Compliance: Service Provider shall identify, document and comply with all pertinent Health, Safety and Environment (HSE)

laws and regulations, approvals, licenses and permits which are applicable to the services and conduct of activities.

Service Provider shall conduct internal inspections and record to ensure full implementation of requirements and compliance with the system at the site. Service Provider shall provide documentary evidence that it has complied with the system, on company's demand.

Service Provider Site management plan: The Service Provider should comply to his submitted plan in his bid document on how to manage and improve the work site. The

27.2 HAZARD AND RISK ASSESSMENT

Pre and post Job Safety assessments: Service Provider is responsible and accountable for ensuring effective procedures and assessment systems are in place to meet all HSE conditions.

Prior to the commencement of any operation/activity, Service Provider must undertake a hazard and risk assessment, such as a job safety analysis or job risk analysis including control and mitigation process. The risk assessment should cover the following aspects of workplace

1. General Safety and Environmental Management Procedures
2. Waste Disposal
3. Equipment Decommissioning
4. Water Discharges
5. Material Storage/Spills
6. Storm Water Management
7. Use of Asbestos, Lead, CFCs and other objectionable chemicals.
- 8.

Hot working, gas welding , etc

9. All electrical works
10. Work at heights including scaffolding
11. Demolition
12. Construction work of any kind
13. Transport management
14. Tank cleaning or testing
15. Confined space, etc

27.3 AWARENESS, COMPETENCY AND BEHAVIOR

Awareness: Before commencement of any Services, Service Provider shall at its own expense ensure that Service Provider's Personnel have been given the necessary HSE training including training in hazard identification, risk analysis, safe working behavior etc. The HSE training shall include a briefing explaining the nature of the part of the Services they will be performing, a job safety analysis and description of the hazards, which may be encountered during the performance of the particular tasks, which they are required to perform. During such training, Service Provider shall emphasize the fact that each person has an obligation to stop an act or task if it is unsafe. Service Provider shall ensure that Service Provider's Personnel attend refresher courses to maintain familiarity with current procedures. Service Provider shall provide evidence of completion of all training and competency assessments upon request by Company.

All Service Providers' Personnel arriving on the site shall attend the Service Provider's or Company's HSE inductions including a review of the site's safety procedures including Permit to Work and evacuation.

Service Provider shall ensure safety meeting schedule, including but not limited to pre shift safety meetings, safety toolbox meeting, safety committee meetings and management review meetings.

Competency: The Service Provider shall ensure that all of its supervisory personnel performing work possess any specific competencies or qualifications, experience, responsibility and authorities required by applicable occupational health and safety laws, and shall provide proof of same satisfactory to company upon request.

Behavior: The Service Provider should provide adequate guidance so that Service Provider's personnel works to reduce workplace incidents and improve safe performance at all times. The Service Provider shall ensure that his staff conducts in a fit and proper manner whilst on site. Failure to do this may result in the removal or exclusion of such persons from the site.

27.4 CHANGE MANAGEMENT

If there is a change in site supervisor and Service Provider management personnel, it shall be notified to designated Service Provider manager as a part of Management of Change (MOC) process. This also includes reassess hazards and risk where the changes occur to the work scope, plant and equipment and the working environments.

27.5 INCIDENT REPORTING

Reporting: Any accident, injury, near misses, fire, explosion, spill of chemicals, environment degradation etc involving Company or Service Provider's personnel, property or any third party property shall be reported immediately to Company, irrespective of whether injury to a person or damage to property or equipment resulted.

Access to site: If Company exercises its right to conduct its own investigation; Service Provider

shall provide Company with all reasonable assistance to allow & to complete its investigation.

Learnings: Service Provider shall implement the learnings from incident to prevent a recurrence. Service Provider must share lessons learned with Service Provider's Personnel.

27.6 SAFETY INTERACTION

The Service Provider must conduct regular safety interactions of its Personnel in accordance with the Company's safety interaction process. The number and frequency of safety interactions to be performed will be at the discretion of the Company Representative. Quality assessments of the safety interactions will be undertaken by the Company's HSE Personnel.

The Service Provider must conduct investigations into incidents, accidents and injuries by its Personnel or involving its equipment and property in accordance with the Company's incident investigation process. Action items must be created to prevent recurrence and be closed out before due dates.

27.7 EMERGENCY DRILLS

Service Provider shall participate in emergency response drills to test the effectiveness of its emergency procedures and equipment and the knowledge and proficiency of Service Provider's Personnel.

Service Provider will provide with their emergency response plan (ERP) which must be adoptable to suit the site.

27.8 CARDINAL RULE*

Service Provider shall ensure that all Service Providers' Personnel follow the ten safety cardinal rules. The rules are:

"Do not override or interfere with any Safety Provision nor let anyone else override or interfere regardless of seniority. "Personal Protective Equipment (PPEs) applicable to the given task must be adhered to.

"Always follow isolation and lock out procedure

"No person will be allowed to work if under the influence of alcohol or drugs "Report all injuries and illness

On violation of cardinal rules, yellow card will be issued by the Service Provider to the concerned personnel and disciplinary action will be taken by the Service Provider which may result in suspension of personnel also.

27.9 PERSONAL PROTECTIVE EQUIPMENT

Service Provider shall, at its own expense, supply Service Provider's Personnel, where required, in connection with the safe performance of the Services, with adequate protective clothing and other protective equipment including first aid which shall be maintained in good condition or replaced, and shall be worn at all times where required to manage potential injury hazards associated with a work activity under this Contract.

Service Provider shall ensure that his personnel have been trained in the correct use and application of PPE. All such training shall be documented and available to company on request.

27.10 EQUIPMENT, TOOLS, TACKLES AND RESOURCES

Service Provider shall ensure that all plant, tools and equipment used by Service Provider's Personnel in the performance of the Services are suitable for use for the particular task or tasks for which they are to be used, are maintained in safe and operable condition and that users of the plant, tools and equipment are

trained, experienced and where necessary, licensed and certified to operate them.

Service Provider shall maintain a register of all lifting equipment and tackle. Service Provider shall, upon request, provide certification of inspection within the previous twelve months for all cranes and lifting slings and tackle before the equipment is used for the Work, and/or shall carry out such tests and inspections as are requested by applicable regulatory authorities. Safe Working Load (SWL) and radius charts shall be available for all lifting equipment and shall be marked on the equipment. Service Provider shall ensure pre-inspection of lifting tools tackles including wire rope slings, clamps, shackles, hooks etc before taking up the job. Company reserves the right to require, Service Provider to inspect any lifting gear that does not meet the requirements stated above. All equipment shall be stored and operated in accordance with the manufacturer's specification and guidelines.

Service Provider shall maintain up to date copies of all tests and maintenance certificates relating to cranes, lifting beams pulley blocks and lifting gear, and shall make them available to the Company upon demand.

All tools & tackles required for the execution of the job shall be arranged by Service Provider. Also a periodic audit would be undertaken to assess the condition of such tools and tackles.

While using their equipment and carrying out any job, if any equipment / installation belonging to company or any other agency at site is damaged by Service Provider, it will be made good at the risk and cost of Service Provider.

Detailed risk assessments shall be conducted for all equipment to identify all foreseeable hazards and determine the most appropriate controls to mitigate the risks associated in using in accordance with HSE laws and regulation.

Vehicles operating in company premises shall observe all parking and speed restrictions, road signs and traffic rules as per company policy.

27.11 MATERIAL SAFETY DATA SHEETS

The Service Provider shall maintain, at the job site, Material Safety Data Sheets for all hazardous materials and products taken onto the job site. Products are stored in appropriate containers clearly labelled prior to sending to site, all hazard substances are risk assessed to determine their safety requirements and suitability for use.

27.12 WORK PERMITS

Service Provider shall follow the site Permit to Work (PTW) system for carrying out hazardous activities that includes following (but not limited to) activities. The Service Provider shall not perform any of such activities without first obtaining and displaying the applicable work permit at the project site.

- a. Hot work
- b. Confined space entry
- c. Working at height
- d. Breaking into piping
- e. Lockout / Tagout / isolation etc.
- f. excavation or drilling into the ground or a concrete building slab using powered equipment
- g. Hazardous substance handling, etc.
- h. Excavation / trenching
- i. Chemical management MSDS's
- j. Any government related permit

27.13 HEALTH AND FITNESS

Each contract employee shall undergo a pre-employment medical check and periodical medical examination (PME) as per the company guidelines by a company approved doctor/ medical personnel and cleared for the type of work he/ she will undertake, prior to the commencement of work.

Service Provider shall ensure that all Service Providers' Personnel are able to perform the essential functions of their respective assignments and shall certify the same to Company if so requested by Company or if required by law. Service Provider's medical assessment process shall equal or exceed the requirements of Company's medical assessment procedure.

Service Provider shall ensure health assessment, monitoring and management of contract personnel exposure to noise, dust and other physical hazards that have the potential to be harmful to health.

27.14 DISEASE

Service Provider shall ensure that any of Service Provider's Personnel who exhibit any symptoms of any severe infectious disease that is communicable by air or surface contact immediately make appropriate arrangements to be medically assessed and removed from the Site until they have received medical clearance and can provide proof of such clearance.

27.15 HYGIENE AND HOUSEKEEPING

Service Provider shall ensure that Service Provider's Personnel maintain high standards of hygiene and housekeeping on the Site. Service Provider shall conduct routine hygiene and housekeeping inspections on the site to ensure that standards are maintained.

Service Provider shall collect and segregate scraps generated by their activities or services by creating separate bins and finally deposit or utilize as per the directions of Company.

27.16 ENVIRONMENT PROTECTION

Service Provider shall ensure proper collection and storage of used oil and waste oil generated at site. The used oil and waste oil collected shall be disposed of in compliance to law. Any oil/grease soaked cotton waste would be collected from site of work and suitably disposed as per the guidelines.

Service Provider shall use appropriate Personnel protective equipment's and follow requisite procedure for handling, transportation and storage of Hazardous wastes inside the plant including disposal sites owned by company.

Service Provider shall be solely responsible for damage caused to the surrounding/ environment during transit.

Service Provider shall ensure optimum use of water, energy and other resources while providing services and also work for loss prevention in the form of leakages, spills, overflows, wastages etc. Service Provider shall be solely responsible for the legal actions that may be initiated consequent to environmental hazards as aforesaid. Service Provider would ensure that spillages, leakages and overflows etc are attended immediately on notice or on intimation.

27.17 SMOKING

Service Provider's Personnel shall not smoke at the work site except within designated smoking areas.

27.18 SERVICE PROVIDER ACCOMODATION

Where the Service Provider's Personnel provides accommodation for contract workers,

the accommodation shall be appropriate for its location and be clean, safe and, at a minimum, meet the basic needs of workers. In particular, the provision of accommodation shall meet national legislation and shall have the minimum following: Provision of sanitary, laundry and cooking facilities and potable water " Safe location w.r.t health, hygiene and fire risks.

Provision of first aid, medical facilities and proper ventilation.

Building material shall be suitably inflammable, have smoke and fire alarms fitted and

Include other safety checks to prevent fire.

27.19 CLEARANCE OF SITE

On a continuous basis consistent with Good Industry Practice during the progress of the Works the Service Provider shall clear away and remove pursuant to the directions of the BALCO from the Site all scrap, debris, other waste materials. The Service Provider shall, leave on the Site for the BALCO such temporary works as instructed by the BALCO, free of charge. The Service Provider shall at all times and particularly after completion of the Works, keep the Site and the Facility in a clean, safe and workman.

Like condition and shall dispose of all rubbish (other than hazardous materials or other materials which may contaminate ground-water, for which other arrangements shall be made by the Service Provider) in accordance with Good Industry Practice.

27.20 REMOVAL OF UNSAFE WORKERS

The Service Provider shall document any identified instances of noncompliance with safety requirements by its workers and sub - Service Providers. Where any worker or sub Service Provider breaches safety requirements and thereby presents a threat of serious injury



or death to any person, the Service Provider shall remove that worker or sub Service Provider from the project site for the duration of the project.

27.21 SUBCONTRACTING

The Service Provider shall be able to demonstrate that he has applied selection procedures that ensure that his sub-Service Providers are demonstrably competent to perform the works safely. The Service Provider shall provide to the Location Manager the names of sub-Service Providers he intends to appoint in advance of entering into a contract with any such sub-Service Provider. The requirements of this booklet, the contract specification, the contract health and safety plan, the risk assessments and method statements shall be imposed upon sub-Service Providers by the Service Provider.

27.22 MONITORING

Compliance check by Service Provider: The Service Provider shall monitor his safety performance and that of his sub-Service Providers to ensure compliance with standards set in the contract. The frequency of monitoring will be dependent upon the risk profile and number of persons employed.

Root Cause of incidents: All accidents shall be investigated to establish the basic causes and to recommend appropriate improvements in control. Details of all accidents, together with the associated investigation and recommendations, shall be passed to the company as soon as deemed reasonable.

Audit by company: The Company reserves the right to audit all aspects of the management of health and safety on site at any time. Deficiency



identified during any inspection / audit shall be entered into an appropriate action register that summarize the deficiency, the required actions, the person to whom that action have been assigned and date by which the action shall be completed.

The Service Provider shall be responsible to ensure all actions are completed, verified and closed within stipulated timeframes.

Monitoring by company: The Company reserves the right to allocate weight age and set safety KPIs in the Service Provider's scorecard. The scorecard performance shall be reviewed periodically.

27.23 SERVICE PROVIDER QUERIES

The queries should be normally directed to company's designate as specified in contract. The site specific "Service Provider safety management manual" can also be referred for any clarifications when in doubt. The details on specific processes, plants and machineries and related hazards are detailed in this manual.

28. ENERGY MANAGEMENT SYSTEM CLAUSE:

Energy Management System Clause (for energy efficient products only such as motor, AC, Pumps, transformers etc.) As a part of Energy Management System (ISO 50001:2011), we wish to inform you that we intend to procure energy efficient products, equipment and services and you are requested to offer us energy efficient products, equipment & services which will have overall cost effectiveness. Your offer shall be evaluated partly on the basis of energy performance of your product, equipment or services throughout the entire life cycle of product. Hence, your offer should also include all the technical details related to energy use, consumption and efficiency and request you to inform us about the energy efficient products & specifications.