

**Chief Project Manager
Gati Shakti Unit,
Near GM Bungalow,
Railway colony,
SEC.Railway Bilaspur-495004**

SECTION 1

1.1 Background

INTRODUCTION

1.1.1 The President of India represented by the **Chief Project Manager**, Gati Shakti Unit-Bilaspur (the “**Authority**”), having its principal office at **Near GM Bungalow, Railway Colony, SEC.RAILWAY, Bilaspur-495004, India** is engaged in the development of railways and related infrastructure, and as part of this endeavour, the Authority has decided to undertake the **Major up-gradation of Bilaspur Railway Station of SEC.RAILWAY** (the “**Project**”) through Engineering, Procurement and Construction (the “**EPC**”) contract, and has decided to carry out a single stage bidding process for selection of a Bidder to whom the Project may be awarded.

1.1.2 The brief particulars of the Project and the Bidding Process are as follows in the Key Information Table (KIT):

| Sr.No. | Particular | Details |
|--------|--|--|
| 1. | Name of the Work | Major up-gradation of Bilaspur Railway Station of SEC RAILWAY on Engineering, Procurement and Construction (EPC) mode. |
| 2. | Estimated Project Cost | Rs. 4,40,57,35,888.90/- Rupees Four Hundred Forty Crore Fifty-Seven Lakh Thirty-Five Thousand Eight hundred eighty-Eight Ninety Paise only. |
| 3. | Construction Period | 36 months |
| 4. | Bid Due Date and time | By 1500 hrs. on 20.05.24. |
| 5. | Physical submission of all documents listed in clause no. 2.11.2 | By Bid Due Date + 5 working days |
| 6. | Date and Time of Opening of Bid | At 1500 hrs IST on the (Bid Due Date + 5 working days) |
| 7. | Mode of tendering | Single stage two packet |
| 8. | Mode of submission of Bids | Online submission on e-Procurement Portal |
| 9. | E-Procurement Portal | www.ireps.gov.in |
| 10. | RFP document Fee | NIL |
| 11. | Bid Security | Rs.2,00,00,000/- <i>Rupees two Crore</i> |
| 12. | Officer and Address to Submit the physical documents as per clause 2.11.4 of RFP | Name of Officer: CPM/GSU/Bilaspur Address: Gati Shakti Unit, Near GM Bungalow, SEC.RAILWAY-Bilaspur. Phone : 9303978660 E mail : cpmgsubsp@gmail.com |

| | | |
|-----|-------------------------------------|--|
| 13. | Validity of the Bid | 120 days from the Bid Due Date |
| 14. | Pre-bid Conference Details | Date: 09.04.24 Time: 1500 Hrs. Venue: Gati Shakti Unit, Near GM Bungalow, SEC.RAILWAY-Bilaspur. |
| 15. | Last date of receiving Queries | 17.04.24 up-to 1800 Hrs. |
| 16. | Performance Security | 5% five percent of Contract Price in terms of Clause 2.21.1 |
| 17. | Submission of Performance Security | Within 30 days of issue of Letter of Award (LOA) |
| 18. | Signing of Agreement | Within 15 days of submission of Performance Security. |
| 19. | Documents enclosed with the RFP | a) Draft EPC Agreement for the Project including all schedules. b) Project Report of the Project c) Drawings |
| 20. | Technical Consultant of the Project | ARINEM CONSULTANCY SERVICES Pvt. Ltd., B-I/3, Hauz Khas, New Delhi-110016 |

- 1.1.1 The Selected Bidder (the “**Contractor**”) shall be responsible for Engineering, Procurement and Construction of the Project under and in accordance with the provisions of an Engineering, Procurement and Construction agreement (the “**EPC Agreement**”) to be entered into between the Selected Bidder and the Authority in the form provided by the Authority as part of the Bidding Documents pursuant hereto. The scope of work of EPC broadly comprises Design, Detailed Engineering, Surveys (Pre-Engineering, Pre-Construction and Post-Construction), Procurement, Fabrication, Transportation, Construction (Civil, Structural, Mechanical, Electrical, HVAC, Fire Fighting and other related services) and Installation, Testing, Pre-commissioning, Commissioning and handing over as per the terms of the EPC Contract. The detailed scope is provided as part of Volume II: EPC Agreement of this RFP.
- 1.1.2 The estimated cost of the Project (the “**Estimated Project Cost**”) has been specified in the Clause 1.1.2 above. The assessment of actual costs, however, will have to be made by the Bidders.
- 1.1.3 The draft EPC Agreement sets forth the detailed terms and conditions for award of the Project to the Contractor, including the scope of the Contractor’s services and obligations.
- 1.1.4 The Authority shall receive Bids pursuant to this RFP in accordance with the terms set forth in this RFP and other documents to be provided by the Authority pursuant to this RFP, as modified, altered, amended and clarified from time to time by the Authority (collectively the “**Bidding Documents**”), and all Bids shall be prepared and submitted in accordance with such terms on or before the Bid Due Date as specified in the KIT as provided in Clause 1.1.2 for submission of Bids (the “**Bid Due Date**”)

1.2 Brief description of Bidding Process

- 1.2.1 The Authority has adopted a single stage two packet system (referred to as the “**Bidding**

Authority's Requirement

Appendix- 7 Approved Makes/ Brands



APPROVED MAKES/ BRANDS

Specification/brands names of materials to be used as per the scope of work listed here. The efforts should be made by the agency to use indigenous products. The agency should also consider the availability of spares parts/components for maintenance purposes while proposing any brand/manufacturer. The materials of any other brand/manufacturer may be proposed for use by the agency in case the brands specified below are not available in the market or discontinued for any reason and/or agency intends to use some other brand better than the brands mentioned in this list. The alternate brand can be used only after the approval of Authority/Authority Engineer .

The sanitary fitting shall be of premium quality of approved brand make and manufacturer as per approval of Authority/Authority Engineer.

All the urinals, taps shall be sensor based.

Note:

- a) Contractor is required to do the sampling for every item and take necessary approval of the brand from the Authority's Engineer.
- b) All finish items such as paints, tiles, stone etc. contractor is required to take necessary approval of makes, shades, designs along with specifications from the Authority's Engineer.
- c) If any make, beyond approved list proposed to be used then approval of Authority's Engineer shall be taken and it should be proved that the make suggested by the contractor is superior to the makes listed below.
- d) All Makes / Brands/products to be having test certificates.
- e) No material should be brought at site without prior approval of Authority/Authority Engineer

The approved Makes/Brands are indicative only to help identify the generic material, standards and specifications as provided in General in MANUAL FOR STANDARDS AND SPECIFICATIONS FOR RAILWAY STATIONS 2009, updated 2020. Being listed in Approved Makes /Brands is not the tests of acceptance, the acceptance of material shall be on the basis of conformity with the relevant Indian Standard or any other approved CODE (Generally contained in MSSR 2009) and passing the laid down tests. Railway board's orders vide No.2020/RS(G)/779/2, New Delhi, dated 12.08.2021 on Ensuring full compliance of Public Procurement (Preference to 'Make in India' Order), 2017 needs to be



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followed in letter and spirit to promote "Make in India" products conforming to the specifications.

| S.No | DESCRIPTION/ ITEM | Approved Makes / Brands | | |
|------|---|-------------------------|------------------------|--------------------------|
| 1 | Ordinary Portland Cement / Pozzolona Cement/GGBS Cement | ACC | Ultratech | Emami |
| | | JSW | Birla Gold | Ambuja |
| | | JK Laxmi | Lafarge Duraguard | Dalmia Cement |
| | | Shree Cement | Bangur | Doublebull |
| 2 | White Cement | Birla White | J.K. White | Ultratech |
| | | NCL BuildtechPvt.Ltd' | ACC | |
| 3 | Ready Mix Concrete | ACC | Ultratech | J. K Cement |
| | | Lafarge | L&T | NDCON |
| | | NCL BuildtechPvt.Ltd' | | |
| 4 | Reinforcement Steel (HYSD TMT-Fe 500D) | SAIL | Tata Steel | RINL(Vizag Steel) |
| | | Shyam Steel | JSW | |
| 5 | Structural Steel / M.S. Tubes | TATA | JSW Steel Ltd | SAIL |
| | | APL Apollo | RINL | Jindal Steel & Power Ltd |
| 6 | Plasticizer, Super Plasticizer, Admixtures, Other construction chemicals | BASF | Fosroc | Berger |
| | | Asian Paints Ltd. | ECMAS | Tremco |
| | | Saint Gobain (Chryso) | MYK Laticrete | Astral |
| 7 | Waterproofing Self Adhesive (HDPE) membrane,Waterproofing Compound (Crystalline),EPDM Waterproofing Membrane | DBS | Fosroc | Berger |
| | | Nerolac | ECMAS | MYK |
| | | Asian Paints Ltd. | MC bauchemie | Kerakoll |
| | | BASF | Tremco | CICO |
| | | Mepei | Astral | ACO |
| 8 | Polyster Powder Coating Paints Repellent/Admixtures / Water Proofing compound/ Liquid membrane /Self adhesive membrane/other water proofing | Saint Gobain (Chryso) | | |
| | | Nerolac | Berger | JSW |
| | | Kerakoll | Asian Paints Ltd. | MC bauchemie |
| 9 | Rebarring Chemical | Roff | Saint Gobain (Chryso) | |
| | | Hilti | 3M India | Birla |
| 10 | Fire Sealant | Fischer | Fosroc | |
| | | Hilti | 3M India | Birla |
| 11 | PU Elastomeric Membrane (spray applied for Deck Waterproofing) | Fischer | | |
| | | BASF | Fosroc | |
| | | Sunanda | Keshun | Pidilite |
| 12 | Weather Sealant | DBS | MC bauchemie | Mapei |
| | | G.E plastics | Wacker | STP |
| | | Kerakoll | BASF | Dow corning |
| 13 | Poly-Sulphide Sealant | Alstone | | |
| | | Fosroc | Wacker | Alstone |
| | | Thermamax | Laticrete | BASF |



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|----|--|----------------------------|------------------------|-----------------|
| 14 | Glasswool Insulation | UP Twiga | Poly Glass | Owncorning |
| | | Roxul Rockwool | St Gobain | |
| 15 | Rock Wool Insulation | Lloyds | Roxul Rockwool | UP Twiga |
| 16 | Swellable Bar | DBS | Fosroc | hayakawa |
| 17 | Polycarbonate Sheet | Danpal | Polygal Indian pvt ltd | DPI Daylighting |
| | | Coxwell | GE plastics | |
| | | Lexan | Bayers | |
| 18 | Decking Steel Sheet | TATA Steel | Bemo | JSW |
| | | APL Apollo | SAIL | VPL india |
| 19 | Shuttering Ply | Magnus | Century | merino |
| | | Greenply | Kitply | |
| 20 | Formwork systems | Peri | Doka | Symons |
| | | Elcon Instruments | Chaudhary Industries | |
| 21 | Aluminium Shuttering | Maini | S-Form | Kumkang |
| | | MFE Form Work | Mivan | |
| 22 | Parallel Threaded Couplers (Compliant to IS16172:2014) | Dextra | Halfen Moment | G-Tech |
| | | Masion In | | |
| 23 | Extruded Polysterene Board | STP | Supreme | DBS |
| | | Dow Building Solutions | | |
| 24 | AAC Block | Aerocon | Buildtech | Instablock |
| | | Ecogreen | J. K Lakshmi Cement | Indo bhutan |
| | | Ferrouscrete | BILT | Magicrete |
| | | Ultratech | Finecrete | ACC |
| 25 | AAC Mortar | Ferrouscrete | Ultratech | J. K Cement |
| | | Kerakoll | | |
| 26 | Moisture Resistant Board | Saint Gobain | Gyproc | USG Knauf |
| | | Lloyd Insulation India Ltd | Anakon | Knauf |
| | | Western | Aerolite | |
| 27 | Veneered Particle Board | Merino | Duro | Greenlam |
| | | Strawcture Eco | Greenply | luxe |
| | | Virgo | Samrat | |
| 28 | Laminated Particle Board | Merino | Greenlam | Strawcture eco |
| | | Virgo | Skydecor | |
| 29 | Laminates Block board/ Plywood | Merino | Greenlam | Duro |
| | | Skydecor | Jayna | Samrat Plywood |
| | | NewMica | Virgo | |
| 30 | Veneer Block board/ Plywood | Merino | Greenlam | Skydecor |
| | | Newmica | Luxe | Duro |
| | | | Virgo | Samrat Plywood |
| 31 | Flush door / Laminated Flush Doors | Plywood | Luxe | Merino |
| | | Greenply | | Virgo |
| | | Greenlam | Duro | Alstone |
| | | | Strawcture eco | Skydecor |
| 32 | Toilet Cubicles/ Modular toilet | Merino | Greenply | Greenlam |
| | | TATA | Virgo | |
| | | T-line | Reynoarch | |



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|----|--|------------------------|----------------------|--------------------------------------|
| 33 | Hardware for Fire Check Door | Dorma | Ozone | |
| | | Becker | Hettich | Shakti Hormann |
| | | Geze | Bhawani Fire | dorset |
| 34 | Plywood/ Veneer | Merino | Duro | Skydecor |
| | | Greenply | Greenlam | Ply |
| | | Virgo | Dorbypanel | |
| 35 | Expansion Joint Modular | Cameo inc | Migua | ASP |
| | | Tristar | Bizzar | Vexcolt |
| | | Herculus | Sanfield India Ltd | pinnacle |
| 36 | Wall Putty | Birla Wall Care | JK White | Berger |
| | | Asian paints | Pearlcon | Nerolac |
| 37 | Curing Compound | Fosroc | ROFF | BASF |
| | | DBS | Kerakoll | Sunanda Chemicals |
| 38 | Oil Bound Washable Distemper | Asian paints | | Berger |
| | | Akzonobel | ICI:Maxilite | JSW |
| | | Ultratech | ACRO | Nerolac |
| 39 | Acrylic Distemper | Berger | Asian | Jutin |
| | | ACRO | Nerolac | JSW |
| 40 | Premium Acrylic Emulsion paints(Interior/Exterior) | ICI: Velvet touch | Nerolac: Impression | Asian Paints: royale Luxury Emulsion |
| | | Berger: Silk | JSW | Dulux |
| 41 | Cement Primer | Berger: Silk | Decoprime WT (Asian) | Akzonobel |
| | | Nerolac | ACRO | BPWhite (Berger) |
| | | | | |
| 42 | Cement Paint | Snowcem Plus | Berger | Nerolac |
| | | JK MAXX | ACRO | Ultratech |
| | | ICI | Asian | JSW |
| 43 | Steel / Wood Primer | Akzonobel | Nerolac | Asian Paints |
| | | Jenson & Nicholson | Berger | |
| 44 | Textured Exterior Paint | Sakarni | Asian (Apex Ultima) | Nerolac Kansai (Excel) |
| | | Berger | Acro | Panache |
| | | JSW | | |
| 45 | Synthetic Enamel Paint | JK Maxx | Asian (Apolite) | Kansai Nerolac (Synthetic Enamel) |
| | | Berger: Luxol Hi gloss | ICI | JSW |
| 46 | Epoxy Paint | Kansai Nerolac | Asian paint | Fosroc |
| | | Jenson & Nicholson | ICI | Berger |
| 47 | Epoxy Flooring | Flowcrete | BASF | Fosroc |
| | | Weber | Tremco | Durapro |
| | | MYK Arment | | |
| 48 | Fire Paint/Fire Retardant Paint | Asian | Berger | Akzo Nobel coating India |

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|-------------------------|--|-------------------|---------------------------|----------------|
| | | | | Ltd. |
| | | Caboline | Shalimar | |
| 49 | Heat Resistant Paint | Asian | Berger | PANACHE |
| | | ACRO | | |
| 50 | Heat Resistant Tiles | Pavit | Sunheartrt | Johnson |
| | | Somany | Simpolo | Thermatek |
| | | Swastik | Hindware | RAK |
| 51 | Gypsum Plaster | Ferrous Crete | BASF | Ultratech |
| | | Dudhi industries | Western | |
| 52 | GRC Jali | Unistone | Dalal Tiles Industries | Ecovision |
| | | Shakun GRC | Birla white | |
| 53 | Welding Electrodes | Advani | Oerlikon | Modi |
| | | L & T | | |
| 54 | Stainless Steel Chair/ railing | Koncept Solutions | Jindal Alloys | Technorail |
| | | JSW | Dorma | Taiton |
| | | Ozone | | |
| 55 | Stainless Steel Hardware | Dorma | Hafele | Geze |
| | | Hettich | Koncept Steels | Taiton |
| | | OZONE | Godrej | |
| 56 | Automatic Sliding Door(Glass) | Dorma | Ozone | Assa Abloy |
| | | AIS windows | Taiton | Hafele |
| 57 | Metal roofing system (Metal) | APL Apolo | Tata Blue Scope | VPL india |
| | | kalzip | Kingspan | JSW |
| 58 | Metal roofing system (Aluminum) | Kalzip | Kingspan | ALUFORM |
| | | Aludecor | APL Apollo | JSW |
| | | BEMO | | |
| 59 | Galvalume sheet for roofing cladding, sandwich panel | VPL india | Kingspan | APL Apollo |
| | | Jindal | Tata Bluescope Steel Ltd, | KALZIP |
| | | Bhushan | | |
| 60 | Polycarbonate sheets and Gs sheets | GE Plastics | DPI-Daylighting | Coxwell |
| | | Tiger | | |
| 61 | GI Profile Sheet | Tata | Lloyd | JSW |
| | | Jindal Essar | APL Apollo | VPL india |
| 62 | Acrylic LAminate | Plywood | Skydecor | Virgo |
| 63 | PVC Laminates | Plywood | Skydecor | Virgo |
| 2. FALSE CEILING | | | | |
| 1 | False Ceiling – Gypsum | Aerolite | India Gypsum | Dexune |
| | | Knauf/USG Knauf | St Gobain | Western |
| 1a | Mineral Fibre Ceiling with GI Grid system | Diamond | Anakon | Knauf |
| | | Dexune | | |
| 2 | False Ceiling – Metal | Hunter douglas | HARsonsGreen | Durlum |
| | | USG knauf | BSR Calsi | Metalium |
| 2a | Metal False ceiling with GI Grid system | Diamond | Anakon | St gobain |
| | | Armstrong | Dexune | |
| 3 | Gyp Board | Saint Gobain | USG knauf/Armstromg | Lafarge |
| | | Western | Aerolite | |
| 4 | Open Cell Ceiling | P R Ceilings | Durlum | Hunter Douglas |
| | | USG knauf | Harsons Green | Kalzip |
| | | Dexune | BSR | Metalium |

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|---------------------|--|------------------|------------------|---------------------|
| 5 | False Ceiling Grid System | Gyproc | Knauf | USG knauf |
| | | Metalium | Harsons Green | St Gobain |
| | | Hunter Douglas | P R Ceilings | Western |
| 6 | Baffle Ceiling | Dexune | BSR | |
| | | Hunter Douglas | Durlum | Knauf |
| | | USG knauf | Harsons Green | Dexune |
| 7 | Accoustical Tile False Ceiling & Acoustic Panels works | Knauf | UNIDUS | Himalaya Acoustic |
| | | Durlum | Dexune | Hunter Douglas |
| | | USG knauf | P R Ceilings | Anakon |
| 8 | Acrylic Solid Surfaces | Credence | | |
| | | Dupont | L.G-Hymac | Durlax |
| | | Hanex | Rehau | |
| 9 | Clamp System ForDry Stone Cladding | Hilti | Fischer | Bosch |
| | | Rawl Plug | Koncept | |
| | | Saint Gobain | USG knauf | Ramco |
| 10 | Calcium SilicateFalseCeiling | Aerolam | Western | Knauf |
| | | Diamond Ceilings | Anakon | |
| | | Gyproc | Diamond Ceilings | Hilux |
| 11 | Calcium Silicate Ceiling Tile / Board | Knauf | Western | Saint Gobain |
| | | Aerolite | USG Knauf | BSR |
| | | | | |
| 12 | ceramic clads | Stonelam | Ceaserstone | Unitile |
| 13 | Self Supporting Systems | Proflex System | Kalzip ltd | Mercury Enterprises |
| 14 | HPL/AHPL | Reynoarch | VIVA | Greenlam |
| | | Virgo | Alstone | Plywood |
| | | Skydecor | | |
| 15 | Cement boards and panels | Everest | HIL | Bison/NCL |
| 16 | GFRC Ceilings and boards | Diamond Ceilings | USG knauf | Aerolite |
| 17 | GRG false ceiling with GI Grid system | Diamond | Gyproc | USG Boral |
| | | Knauf | | |
| 18 | Gypsum laminated Ceiling/Perforated Ceiling | Dexune | Knauf | Credence |
| 3. FLOORINGS | | | | |
| 1 | Mosaic / Chequered Tiles | RAK Ceramics | Varmora | Johnson |
| 2 | CeramicTiles / Glazed Tiles | RAK Ceramics | Varmora | Sunheartt |
| | | Johnson | AGL | Simpolo |
| | | Somany | Qutone | Kajaria |
| | | Nitco | | |
| 3 | Vitrified Tiles (Antiskid / Matt / Glazed) | RAK Ceramics | Varmora | Sunheart |
| | | Johnson | Kajaria | Nitco |
| | | Somany | simpolo | Qutone |
| 4 | PVC Flooring | Knauf | notion | LG |
| | | welspun | Bizzare | Responsive |
| 5 | Tile / Stone Adhesive /Tile / Epoxy Grout | Reynoarch | Kerakoll | MYK Laticrete |
| | | Fosroc | BASF | weber |

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|--------------------|---|-------------------|-----------------|-------------------|
| 6 | Dash /Anchoring Fasteners | Hilti | Fischer | Bosch |
| | | Koncept | 3M | |
| 7 | Floor Hardener | Ironite | Fosroc | Hardonite |
| | | Chapdur Sika | BASF | |
| 8 | Laminated Floor | Action Tesa | Mikasa | Pergo |
| | | Greenlam | Squarefoot | |
| 9 | Composite Marble / Granite / Engineered Stone | Asian | Johnson | Kalinga |
| | | AGL | Simpolo | Fortune Stones |
| 10 | Water Based Melamine Polish | Asian Paint | Berger | ICI |
| | | | | |
| 11 | Building Signage | Hindustan Signage | Cosign | Ergomax workspace |
| | | AYZO | PR Graphics | Prolite |
| | | Galaxy Signage | VVT | 3M |
| 12 | Epoxy Based Flooring | Durapro | Flowcrete | Asian Paint |
| | | Berger | tremco | |
| 4. GLAZINGS | | | | |
| 1 | Anodised Aluminum Hardware (Heavy Duty) Aluminum | Ozone | Indalco | Hindalco |
| | | EBCO | Jindal | Alualpha |
| | | Everite | Godrej | Hafele |
| 2 | Aluminum Section | Hindalco | Kalco | Bhoruka |
| | | Jindal | Indalco | |
| 3 | Structural Members – Windows, Glazing and Partitions | Nalco | Bhoruka | AIS windows |
| | | Saint Gobain | kalco | Glaverbal |
| 4 | Glazing Structural/ Suspended / Skylight | Saint Gobain | Pilkington | Glaverbal |
| | | Kalco | Raico | SARA |
| 5 | Clear / Float / Frosted Glass | Saint Gobain | AIS | Pilkington |
| | | Emirates Glass Co | Atul Industries | Hifab |
| | | MODI Guard | | |
| 6 | Glass Spider Fittings | Dorma | Hafele | Ozone |
| 7 | Stainless Steel Railing , Accessories etc. in Grade S 304 & 316 | Dormakaba | Ozone | JSW |
| | | Koncept Solutions | Jindal | technorail |
| 8 | Hermitically Sealed performance glass Toughened Glass | Saint Gobain | Guardian Glass | AIS |
| | | Modiguard | Emirates Glass | KMC Glass Co. |
| 9 | Fire Rated Vision Panels | Pilkington | Schott | Ferilite |
| | | Saint Gobain | Glaverbel | |
| 10 | Fire Rated Doors | Pyrotech | Navair | Sukriti |
| | | Shakti hormann | Tufwud | |
| | | Kalpex | kalco | Bhawanifire |
| 11 | Ceramic panel Cladding | Hunter Douglas | Neolith | Terreal |
| | | stonelam | Unitile | Clayton |
| 12 | Aluminum Louvers | Hunter Douglas | Kawneer | kalco |
| | | Vibrant Technik | tostem | Alstone |
| 13 | Aluminium Composite Panels/Aluminium honeycomb panels | Virgo | Eurobond | Alstone |
| | | Aludecor | VIVA | Alstrong |
| | | Alucobond | | |
| 14 | G.I. Steel Door Frame | VPL india | Navair | Bhawani Fire |
| | | Apl Apollo | Jindal | |
| 15 | Friction Stay Hinges | Dormakaba | LG Sysmac | Dorset |
| | | Hormann | Ozone | |
| 16 | EPDM Gasket | Hanu | Anand | Osaka /Alps |

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| | | | | |
|--------------------|---|----------------|---------------|---------------|
| | | Ozone | | |
| 17 | Glass Processor for making DGU / Toughing | Art N Glass | GSC(Noida) | Sejal |
| | | ASAHI | Gold Plus | Kaenat Glass |
| 18 | Mirror Glass | Atul | MODI Guard | Saint Gobain |
| | | AIS | | |
| 19 | UPVC Doors ,Windows&UPVC Baffle Ceiling | Fenesta | AIS Windows | Europlast |
| | | Aluplast | NCL Veka | Encraft. |
| | | Prominace | Rajshree | |
| 20 | Poly Sulphide Sealant | Wacker | Dow Corning | GE |
| | | Akemi | | |
| 22 | Silicone / Weather Sealant | Wacker | Dow Corning | GE |
| | | Alstone | | |
| 23 | Aluminium Door & windows | Kalco | AIS | Jindal |
| | | Tostem | Fenesta | |
| 24 | Pressed Steel Door Windows Frame | APL Apollo | Jindal | VPL |
| 25 | Window blinds and shades/fire curtains& Blinds | Hunter douglas | deck | Window tech |
| 26 | Terracotta façade Solutions | Hunter Douglas | Unitile | Clayton |
| 27 | Metal Claddings | Hunter Douglas | Kalzip | Alstone |
| | | durlum | Harsons Green | |
| 28 | Pergolas and louvres(wooden)/aluminium/WPC | Kalco | notion | Reynoarch |
| | | Alstone | | |
| 29 | WPC(Door frames, boards, Jali,doors,windows) | Alstone | Ecoste | Jayna |
| 30 | Fire Rated Accoustic doors | tufwud | pyrotech | Bhawani fire |
| | | Shakti hormann | Sukriti | |
| 5. HARDWARE | | | | |
| 1 | Nuts / Bolts / Fastners / Screws | GKW | Atul | Hilti |
| | | Rawlplug | Fischer | |
| 2 | Door/Window Fittings | Hettich | ozone | Dorset |
| 3 | Door Closer | Dorma | Ozone | Hettich |
| | | | dorset | |
| 4 | Die Cast Patch Fittings | Dorma | Geze | AssaAbloy |
| | | Hettich | Ozone | |
| 5 | Fire Rated Doors | Shakti hormann | saint-gobain | Promat |
| | | Navair | Sukriti | Bhawani Fire |
| | | Pyrotech | Kalpex | ASES Security |
| 6 | Floor Springs | Dorma | Geze | Hettich |
| | | Dorset | ozone | Becker |
| 7 | SS Mortise lock with one dead bolt and pair of SS handles steel grade SS 304 | Dorma | dorset | Hafele |
| | | Hettich | taiton | Ozone |
| | | Becker | | |
| 8 | SS Mortise latch & lock with six levers and pair of SS handles steelgrade SS304 | Dorma | Ozone | Hafele |
| | | taiton | | Hettich |
| | | Becker | dorset | |
| 9 | SSTower bolt | Dorma | Hettich | Dorset |
| | | Ozone | Hafele | becker |
| 10 | SS Butt hinges with ballbearing grade SS304 | Dorma | Ozone | dorset |

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| | | | | |
|------------------------------------|---|------------------------------------|----------------|---------------------|
| | | Dorset | Hettich | |
| 11 | Stainless Steel Sliding Door bolts | Hettich | Ozone | dorset |
| 12 | Pull handle back to back of length 150mm of Steel Grade SS 304/316 | Taiton | Geze | Ozone |
| | | Hettich | Dorma | Becker |
| 13 | Pull handle, single side of length 150mm of Steel Grade SS304 | Dorset | Geze | Ozone |
| | | Hettich | Becker | |
| 14 | Aluminium lever Handles | Dorset | ozone | Dorma |
| 15 | Modular railing/SS clamp/Fastener/SS dustbin/SS bench | Koncept Solutions | Dorset | Ozone |
| | | Dorma | Technorail | |
| 16 | Lever handle in SS 304 finish/Glass Spider Fittings/Automatic Sliding Door/Stainless Steel Hardware | Dorma | Hafele | |
| | | Ozone | Dorset | Becker |
| 17 | Tensile fabric with structure | Serge Ferrari | Ancon | MehlerTex |
| | | Taiyo Membrane | | |
| 18 | Magic Eye | Dorma | hettich | Ozone |
| 6. HVAC /VENTILATION SYSTEM | | | | |
| 1 | Chillers | York | Carrier | Daikin |
| | | Dunham Bush | Trane | |
| 2 | Chilled/ Condenser Pumps | Kirloskar | Bell & Gossett | Wilo(Mather+ Platt) |
| | | Grundfos | | |
| 3 | Cooling Towers | Mihir | Advance | Paharpur |
| | | | | |
| 4 | Hot Water Generator | Rapid Cool | Emerald | Sandhu |
| 5 | Air Handling Units(Eurovent / AHRI certified) | VTS | SystemAir | Stulz |
| | | Flaktwood | Edgetech | Zeco |
| 6 | Cooling Coil | As per manufacture standard of AHU | | |
| 7 | Fan | Kruger / Comferi | Airflow | Nikotra |
| | | Fanair | Flaktwood | |
| 8 | Split AC | Daikin | Hitachi | Toshiba |
| | | Samsung | | |
| 9 | M.S. Pipes:- Any dia | Tata | Jindal Hissar | Sail |
| | | Apl Apollo | VPL india | |
| 10 | Butterfly Valves | Advance | L&T | Danfoss |
| | | VTM | Axim | |
| 11 | Motorized Butterfly Valve | Belimo | Danfoss | Siemens |
| | | Oventrop | | |
| 12 | Pressure independent control valve (PICV) | Belimo | Danfoss | Siemens |
| | | Oventrop | | |
| 13 | Check Valves | Advance | L&T | Danfoss |
| | | VTM | Axim | |
| 14 | Ball valve | Zoloto | Audco | RC |
| | | VTM | Axim | |
| 15 | Balancing Valves | Danfoss | Advance | Axim |
| | | VTM | | |
| 16 | 2-way Modulating Valves with Thermostat | Belimo | | Siemens |
| 17 | 2-way on off valve with thermostat for FCU | Belimo | | Siemens |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|--|-------------|----------------|-----------|
| 18 | Expansion Bellows | Resistoflex | Easyflex | Areaflex |
| | | Dunlop | Axin | |
| 19 | Pot/Y-Strainers | Sandhu | Rapid Cool | Emerald |
| | | Axin | | |
| 20 | Suction Guide with Strainer | Anergy | Knauf | Emerald |
| | | | Belimo | Siemens |
| | | Axin | | |
| 21 | RH Sensor | Belimo | | Siemens |
| | | Omnicon | | |
| 22 | Thermostat | Danfoss | Belimo | |
| | | Siemens | Omnicon | |
| 23 | Pressure Gauge(IndustrialType | Feibig | H. Guru | Emerald |
| | | Axin | | |
| 24 | Differential PressureSwitch | Siemens | Rapid Contro | Anergy |
| | | Sant | | |
| 25 | Thermometers | Feibig | H.Guru | Axin |
| | | Emerald | | |
| 26 | Closed ExpansionTank | Anergy | Bell & Gossett | Sandhu |
| 27 | Air Separator | Anergy | Emerald | Sandhu |
| 28 | AutoAirVent | Anergy | Rapid Cool | Oventrop |
| 29 | PlugValve | Anergy | Rapid Cool | |
| 30 | G.I. Sheets | Sail | Tata | Jindal |
| | | Apl Apollo | VPL india | |
| 31 | MS. Sheets | Hindalco | Balco | NALCO |
| | | APL Apollo | VPL india | |
| 32 | Fire Dampers | Systemair | Caryaire | Ruskin |
| | | Greenheck | Fanair | |
| 33 | DamperActuator | Belimo | Sinider | Systemair |
| | | fanair | Greenheck | |
| 34 | Grills/Diffusers | Systemair | Caryaire | Titus |
| | | Trox | Fanair | Sachin |
| 35 | FreshAir Louvers | Systemair | Caryaire | Titus |
| | | Trox | Fanair | Sachin |
| 36 | Resinbonded Glass Wool Insulation | UPTWIGA | Owens Corning | Kimmco |
| | | K-flex | | |
| 37 | Protective Coating over insulation (Lag coating) | CISBOND | Foster | Idendan |
| | | | | |
| 38 | Resinbonded Glass Wool Insulation Insulation | UPTWIGA | Owens Corning | Kimmco |
| | | K-flex | | |
| 39 | InsulationAdhesive | Weber | Foster | CISBOND |
| | | Henkel | | |
| 40 | factory Made ducting | Rolastar | Ductofab | Asawa |
| | | Fanair | GP Spira | Dynamic |
| | | Technofab | Ecoduct | Ductro |
| 41 | Filters (in Air- conditioning system) Ventilation Fans | Thermodyne | Purolator | Fanair |
| | | Mackmark | | |
| 42 | Tube/VaneAxial | Kruger | SystemAir | Greenheck |
| | | Fanair | Flaktwood | |
| 43 | Inline (Centrifugal) | Kruger | SystemAir | Caryaire |
| | | Ostberg | Fanair | Flaktwood |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|-----------------------------------|------------------------------------|---------------------------------|------------------------------|--------------------|
| 44 | Propeller Fans | Kruger fanair | GE | Crompton |
| 45 | AirWasher/Scrubber | Edgetech Fanair | Zeco Flaktwood | SystemAir VTS |
| | | Kruger fanair | Nikotra Flaktwood | Comferi |
| 46 | Fan | Kruger fanair | Nikotra Flaktwood | Comferi |
| 47 | Pump | Kirloskar | Beacon | Wilo |
| 48 | Filters | As per manufacturer's standard | | |
| 49 | Heat Pipe | HPT | SPC | VTS |
| 50 | Vibration Isolator | Easyflex | Resistoflex | Dunlop |
| 51 | Anchor/Fastener | Hilti Rawlplug | Fischer | Gripple |
| | | GPL fischer | Gripple Ductro | flex Zip- Clip |
| 52 | Duct Support | GPL fischer | Gripple Ductro | flex Zip- Clip |
| 53 | PUF Saddles | s | Beardsell | Malanpur |
| 54 | FCU link | ATS (CSI) | Oventrop | CIM |
| 55 | SoundAttenuator | Ruskin Fanair | Systemair Flaktwood | Trox |
| | | Siemens Danfoss | Omicron ABB | Johnson Siemens |
| 56 | CO Sensor | Siemens Danfoss | Omicron ABB | Johnson Siemens |
| 57 | VFD | Fuji | | |
| 58 | CO2 Sensor | Siemens | Omicron | Johnson |
| 59 | DemandVentilation System | fanair | asawa | |
| 60 | Equipment | Conaire | Glenstorm | Tristar |
| 61 | MotorizedAssembly | Conaire | Glenstorm | Tristar |
| 62 | Integrator | Conaire | Glenstorm | Tristar |
| 63 | High Density PVC Pipe and fittings | Finolex Supreme | Kissan | |
| | | | | |
| 64 | | | | |
| 65 | Online Scale preventer | Scale Guard | Ristello | Supremo |
| 66 | | | | |
| 67 | VRF/VRVSystem | Daikin Mitsubishi Electric | Toshiba | Hitachi |
| | | | | |
| 68 | Copper Refrigerant Pipe | Camipro | Rajco | Mandev |
| 69 | ChilledWater Hi- Wall & Cassette | Midea | Caryaire | Edgetech |
| 70 | AHU / FCU Motor | ABB | Crompton | Siemens |
| 71 | PACs | Stuluz | Emerson | Blue Box |
| 72 | Flexible Duct | UPTwiga Asawa | Caryaire Ductro | Atco |
| | | | | |
| 73 | Aluminium Sheet | Nalco | Hindalco | Balco |
| 74 | MDPE gas Pipes | VPL Pipes | Finolex | Supreme |
| 75 | Evaporative Cooling Systems | Volvo Eicher | TCPL (Vapi) | Bridgestone |
| | | Greencon | | |
| 76 | Mist Cooling System | Volvo Eicher Greencon | TCPL (Vapi) | Bridgestone |
| | | | | |
| 7. PLUMBING & SANITARY | | | | |
| 1 | Sanitary Fittings & Accessories | Hindware Euronics Simpolo | Kohler H&R johnson RAK | Cera Jaquar |
| | | | | |
| | | | | |
| 2 | Concealed cistern | Hindware Geberit | Kohler Euronics | Jaquar Cera |
| | | | | |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|---|-----------------|---------------------|----------------------------|
| 3 | WC connector | Geberit | Kohler | Viega |
| | | | Hindware | |
| 4 | Auto Urinal Flush System | Jaquar | Kohler | Euronics |
| | | | Sloan | Hindware |
| 5 | CPBrass Fittings | Jaquar | Kohler | Wiprow |
| | | Euronics | Hindware | |
| 6 | G.I. / M.S. Pipe | Tata | Jindal (Hissar) | Surya Prakash |
| | | APL Apollo | UPL | VPL india |
| 7 | G.I. Fittings | Unik | KS | Zoloto |
| | | Surya | Leader Valves ltd | R-Brand |
| 8 | SS Pipes | Jindal | Tata | VEGA |
| | | Alfa | | |
| 9 | HDPE Pipes | Saint Gobain | Astral | SFMC |
| | | APL apollo | Flowguard | |
| | | VPL pipes | | |
| 10 | DI Pipes | Electrosteel | Jindal | Tata Ductura |
| | | APL Apolo | | |
| 11 | DI Fittings | Kartar | Electrosteel | Kalinga |
| 12 | CI Fittings | Neel | Kartar | Electrosteel |
| 13 | FloatValve | IVC | Leader | Zoloto |
| | | KSB | | |
| 14 | UPVC Pipe and Fittings | Astral | Supreme | Finolex |
| | | SPMC | Wavin | AKG |
| | | Flowguardsystem | KS | |
| 15 | PVC Pipe & Fittings | | Vectus | APL Apollo |
| | | AKG | Supreme | Finolex |
| | | VPL | Surya Prakash | Vectus |
| 16 | CPVC Pipes & Fittings | | Wavin | APL Apollo |
| | | AKG | Astral | Supreme |
| | | Surya Prakash | | Vectus |
| 17 | Centrifugally Cast (Spun) Iron Pipes & Fittings | Finolex | APL Apollo | |
| | | NECO | SKF | Electrosteel |
| 18 | Centrifugally Cast (Spun) Iron (Class LA) Pipes | APL Apolo | BIC | RPMF |
| | | NECO | Electro Steel | TATA |
| 19 | Centrifugally Cast (Spun) Ductile Iron Pipes & Fittings | BIC | RPMF | |
| | | Electro Steel | Jindal (Hissar) | Kalinga |
| 20 | C.I. Manhole covers, Frames & GI Gratings | AKG | | |
| | | NECO | RIF | BIC |
| 21 | SFRC Manhole covers &gratings | SKF | Jain Spun Pipe Co. | Electro Steel Castings LTD |
| | | KK | Dudhi | Pragati |
| 22 | RCC manhole Covers & Frames | T-CON | RPMF | |
| | | KK manhole | Grating Co. Pvt Ltd | |
| 23 | D.I. & FRP Manhole Covers & Frames | Himalya | | |
| | | Neco, | Foundry Agra | Kartar |
| 24 | Gun MetalValves, Globes | RPMF | Dudhi Industries | Goyal iron |
| 25 | NRV- Ball type - Sewage application | Sant | Castle | Zoloto |
| 26 | BellowType, PressureReducingValve | Danfoss | ZALOTOAUDCO | |
| | | CIM | Danfoss | Honey well |
| 27 | Floor Traps | Jayana | Chilly | Nirali |
| 28 | Water Meter | Prima | Zoloto | Leader |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|---|-----------------------|------------------|-------------|
| | | Capstan | | |
| 29 | Brass Stop & Bib Cock | Zoloto | Sant | L&K |
| | | Leader | Astral | Euronics |
| 30 | Non Return Valve (Check valve) 1/2" to 1 1/4" | Zoloto | Sant | Leader |
| | | Kartar | | |
| 31 | Brass Ferrules | Dhawan Sanitary Udyog | Kalsi | Annapurna |
| | | | | |
| 32 | Polythylene water storage tank | Sintex | Polycon | SPL |
| | | Vectus | | |
| 33 | Insulation hot water pipes | Kaiflex | Armaflex | Careflex |
| 34 | Insulation external/exposed hot water pipe | Kaiflex | Armaflex | Careflex |
| | | | | |
| 35 | Pipe protection for external water supply pipes | Pypkote | Armaflex | Makpolykote |
| 36 | GI/MS Pipe Protection Wrapping & Coating | IWL- Pypkote | Rustech - Coatek | |
| 37 | Stainless Steel Sink | Neelkanth | Nirali | Jayna |
| | | Cera | Franke Fabre | |
| 38 | Stoneware Pipes | Perfect | Hind | Burn |
| | | RK | | |
| 39 | Gully Traps | Perfect | Hind | Burn |
| | | RK | | |
| 40 | RCC Pipes (NP-2) | Lakshmi | Sood & Sood | Jain & Co. |
| | | Pragati Concrete | pipe | |
| 41 | Atactic Polypropylene | STP | HTL | HydroTech |
| | | Pidilite | | |
| 42 | C.P. Waste, Spreaders, Urinal Flush Pipes | Jaquar | Parko | Prince |
| 43 | Check Valve - Dual Plate | Advance | Danfoss | Kirloskar |
| 44 | Ball Valves / wafer type valves | Zoloto | Leader | AIP |
| 45 | Check Valve Forged Screwed | CIM/ Leader | Sant | |
| 46 | Ball Cocks | GPA | Sant | L&K |
| 47 | Air Release Valves | Sant | Leader | Zoloto |
| 48 | Pipecoat | IWLLtd | Pypkote | STP |
| 49 | CI Double Flanged Sluice Valve | Kirloskar | IVC | Sondhi |
| | | Kejriwal | | |
| 50 | Adhesives | Nuwood | Duratuff | Pidilite |
| | | Akemi | Astral | |
| 51 | PE-AL-PE | Kitec | Jindal | Supreme |
| 52 | Solar Water Heating System | Tata BP | | Solar |
| 53 | Water Heater (Geyser) | Bajaj Spherhot | Photon | Jaquar |
| | | Racold | Havells | |
| 54 | Hand Drier | Euronics | Duravit | Kohler |
| | | Dolphy | | |
| 55 | Backflow preventer (Water Hammer) | Normex | Kessel | Lahri |



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| | | | | |
|-------------------------|--|-------------------|-----------------------|-----------------------------|
| 56 | DrinkingWater Cooler | Blue Star, | Voltas | Oasis |
| | | Usha | Koncept Solutions | |
| 57 | Anti-Vibration Mounting & Flexible connections | Resistoflex | Dunlop | Flexionics |
| 58 | Electronic Flow Meter | Blue Star | Usha | Voltas |
| 59 | Temperature Sensor/ Gauge | Forbes Marshall | Danfoss | Wika |
| 60 | RainWater HarvestingSystem | Shri Ganga Boring | UgrayaWater Pvt. Ltd. | Ashwath Infratech Pvt. Ltd. |
| | | Bantair | AqraWater Solution | |
| 61 | Stainless steel press pipe system | Alfa press | Viega | Jindal |
| 62 | Flushometer | sloan | kohler | geberit |
| 8. FIRE FIGHTING | | | | |
| 1 | M. S Pipe (firefighting) | Tata | Jindal Hissar | Prakash Surya |
| | | SAIL | | |
| 2 | G. I Pipes(firefighting) | Jindal Hissar | Prakash Surya | SAIL |
| | | TATA | | |
| 3 | Forged Fittings | SS | VS | True Forge |
| 4 | ERW/ buttWeldedFittings | MEC (Jainsons) | Unik | |
| 5 | Groove Fittings (ULListed) | Victaulic | Jainson | New |
| | | | | |
| 6 | BallValve / GateValve (Gunmetal) | Sant | Leader | Zoloto |
| | | CIM | | |
| 7 | ButterflyValve | Zoloto | Kirloskar | Leader |
| | | Audco | | |
| 8 | Motorized ButterflyValve | Advance | AUDCO | L&T |
| | | Zoloto | | |
| 9 | BalancingValve | Advance | Utam&VTM | L&T |
| 10 | Non ReturnValve | Advance | Utam&VTM | L&T |
| 11 | Y-Strainer | Emerald | AUDCO | kirloskar |
| | | Zoloto | | |
| 12 | Pot Strainer | Rapidcool | Emerald | Sant |
| | | AUDCO | Zoloto | |
| 13 | Thermometer | Emerald | Anergy | |
| 14 | PICBValve | Danfoss | Frees | Ovenrop |
| | | Spirotech | Reflex | |
| 15 | ControlValve | HD | Viking (VLListed) | |
| 16 | Airvent | Anergy | Siemens | Emerald |
| | | CIM | Advance | |
| | | | | |
| 17 | ExpansionTank | Anergy | Emerald | |
| 18 | HotWater Generator | Sant | Emerald | Rapidcool |
| 19 | Air PressureValve | Anergy | Flemco | Castle |
| | | SKS | Leader | |
| 20 | C.I. Double flanged sluice valves | Kirloskar | Zoloto | Sant |
| | | IVC | | |
| 21 | C.I. Double flangedNon-return valves | Kirloskar | Zoloto | Leader |
| | | IVC | | |
| 22 | Dual Plate /WaferTypeNon-return valves | Kirloskar | Zoloto | Leader |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|--|---------------|-----------------------------|---------------|
| | | IVC | | |
| 23 | Foot valve with Strainer | Kirloskar | Leader | Zoloto |
| 24 | Y-Type / Pot / Suction Strainer | Kirloskar | Leader | Zoloto |
| | | Tyco | Advance | |
| 25 | Fire Extinguishers | Zenith | Kalpex | Safex |
| | | Ceasefire | Newage | Safe Fire |
| 26 | First Aid Hose Reel Drum | Kalpex | Newage | Safex |
| | | Safe Fire | | |
| 27 | Thermo Plastic Hose Reels for Drums | Kalpex | Newage | Safex |
| 28 | R.R.L. Hose & C.P. Hose | Superex | Newage | Eversafe |
| | | Safe Fire | | |
| 29 | Branch Pipe, Nozzle, Coupling etc | Kalpex | Lifeguard | Safeguard |
| | | Safe Fire | | |
| 30 | Landing Valves | Kalpex | Newage | Eversafe |
| | | Safe Fire | | |
| 31 | Fire Brigade Connections | Superex | Newage | Eversafe |
| | | Kalpex | Safe Fire | |
| 32 | Fire Fighting Equipment not covered elsewhere | Superex | Newage | Eversafe |
| | | kalpex | | |
| 33 | Hose Box | Superex | Newage | Eversafe |
| 34 | Sprinkler & Rosette Plates | Tyco | Viking | HD |
| | | Spray Safe | Newage | |
| 35 | Flexible Connector (Drop) for Sprinkler | Easyflex | Viking | Newage |
| 36 | Flow Switches | System Sensor | | Potter |
| | | Tyco | ASES Security | |
| 37 | Inspector Test valve | Viking | Tyco | Hd |
| 38 | Pre-Fabricated Structural supports and clamps | Chilly | Hitech | Camry |
| | | Easyflex | | |
| 39 | Pressure Gauge | Emerald | Fiebig | H.Guru |
| | | Danfoss | | |
| 40 | Alarm Valve | Viking | Tyco | HD |
| 41 | Anti suction & delivery flexible pipe connectors | Easyflex | Resistofle | Dunlop |
| | | SAIL | Tata Steel Ltd | RINL |
| 42 | Flexible Duct Connector | Mapro | wall Industrial corporation | Resistoflex |
| 43 | Stainless Steel Branch Pipe | Safex | Padmini | GETech |
| | | kalpex | | |
| 44 | Fireman Axe / Installation Control Valve | Safex | Padmini | GETech |
| | | kalpex | | |
| 45 | 2-way / 4-way FBC | Safex | Newage | GETech |
| 46 | Sprinkler Heads | Tyco | HD | Omax UL |
| | | kalpex | | |
| 47 | Pipe Protection Pypcoat wrapping | IWL | Taxa | Mac-poly coat |
| 48 | Rubber Bellow | Kanwal | Resistoflex | AIP Valves |



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|--|---|-------------------------------|-------------------|-------------------|
| | | Industrial Corporation | | |
| 49 | Deluge Valve | Safex | Tyco | HD |
| 50 | Flexible Drop (UL Approved) | Safex | HD | Kofulso |
| 51 | Anti Vibration Pad | Cori Dunlop | mond Pipe Support | Easyflex |
| | | Flexionics | Resistoflex | Emerald |
| 52 | Motors for Fire Pumps | Siemens | Kirloskar | Crompton |
| | | ABB | | |
| 53 | Fire Pumps | Kirloskar | Mather & Platt | Grundfoss |
| | | Siemens | Schneider | ABB |
| 54 | Electrical Switch Gears | Siemens | Schneider | ABB |
| | | L&T | Havells | C & S |
| 55 | Power and Control Cables | Paramount | Polycab | Havells |
| | | Batra Henlay | Grandlay | Avocab |
| | | AKG | RR Kabel | Gemscab |
| 56 | Control Panel of Terrace Pumps | Advance panel & Switchgear | Adlec | Tricolite Elect |
| | | Trai enterprise | Ambit | Industry |
| | | RST | | |
| 57 | Voltmeter & Ammeter | Schneider | Neptune | Rishabh |
| | | Conserve | | |
| 58 | Indicating Lamp and Selector Switches | BCH | Rishabh | Conserve |
| | | Havells | | |
| 59 | CT | AE | Kappa | Nutech Electrical |
| | | Havells | | |
| 60 | MCCB / MPCB / MCB/RCCB | Siemens | Schneider | C & S |
| | | ABB | Havells | |
| 61 | Contractors /Times, Overload Relays / Starter | L&T | Siemens | Schneider |
| | | Havells | | |
| 62 | Annunciation panels | PCD | Agni | Tricolite |
| | | Adlec | | |
| 63 | Single phase preventor | Minilac | L&T | Siemens |
| 64 | Anti Vibration Mounting | Kanwal Industrial Corporation | Resistoflex | Ewren |
| 65 | Starter | L&T | Siemens | Crompton |
| | | Havells, GE | ABB | BCH |
| 66 | Current Transformer (Cast Resin) | AE | L&T | Kappa |
| 67 | Air Circuit Breaker | Havells | ABB | Indoasian |
| | | C&S | | |
| 68 | Testing Equipments and Agencies for fire | Detector Testers | | |
| 9. INSULATION | | | | |
| | | | | |
| 1 | Glass Wool | U.P. Twiga | Owen Corning | Aerolam |
| 2 | Nitrile Rubber | Armacell | K-flex | Aerocell |
| 3 | Expanded polystyrene | SHI | Beardshell | Styrene packaging |
| 4 | Vibration isolator pads | Resistoflex | Kanwal | |
| 5 | Paracoat BPC | Paramount | Pidilite | |
| 10. PUMPS AND WATERTREATMENT SYSTEM | | | | |



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|--|---|-------------------------|-----------------------------|--------------------------|
| 1 | Pumps | Grundfoss | Xylem | WILLO |
| | | KSB | Kirloskar | Crompton |
| 2 | Submersible DrainagePumps | KSB | Grundfoss | Crompton |
| 3 | BallValves | ARCO | SANT | Zoloto |
| 4 | ButterflyValve | KSB | SKS | AUDCO |
| 5 | C.I. double flanged sluice valve | Zoloto | Sant | Castle |
| | | Kartar | | |
| 6 | Non ReturnValve | Zoloto | Sant | Castle |
| | | Kartar | | |
| 7 | Y- Strainers | Zoloto | Sant | Castle |
| | | Kartar | | |
| 8 | Float Switch | Nolta | Danfoss | |
| 9 | Pressure Gauge | Fiebig | H. Guru | Danfoss |
| 10 | Dosing system | Milton Roy | Asialmi | Grundfoss |
| 11 | Liquid LevelControllers/Liquid Level Indicator | Advance | | Danfoss |
| 12 | Filter / Softener | Ion Exchange | RenaissanceAqua | Pentair |
| | | Watcon | | |
| 13 | Salt Saturator | Ion Exchange | RenaissanceAqua | Pentair |
| | | Watcon | | |
| 14 | Water Meter | Kent | Marshall | Sant |
| 15 | WaterTreatmentPlant | Ion Exchange | Flow Dynamics India pvt ltd | |
| | | Thermax | Hydro tech | Blue drop enviro pvt ltd |
| | | Paryavaran | | |
| 16 | Vessels | Astral | KGM | Structural |
| 17 | Mechanical Seal | Burgmann | Sealol | |
| 18 | GreaseTrap / Separator | ACO | Wade | Kassel |
| 11. SEWAGE TREATMENT PLANT(STP) | | | | |
| 1 | C.I. double flanged sluice valve | Kirloskar | Leader | Sant |
| 2 | C.I. DiskType non return valves (65mm dia and above - Dualplatetype) | Kirloskar | Leader | Sant |
| 3 | C.I. Strainer more than65mm dia | Leader | Sant | Castle |
| 4 | PVCValves | Cepex | Astral | Audco |
| 5 | C.I./D.I. Manholes cover | NECO/ NEER | Kartar/ RIF | SKF/B.C |
| | | RPMF | | |
| 6 | Plastic Encapsulated Foot Rest | KGM | KK | |
| 7 | Filter feed pump | Grundfoss | ITT | WILO / KSB |
| 8 | Hydro-Pneumatic Pumping Systems (Flushing, Soft and garden hydrant) | Grundfoss | ITT | WILO / KSB |
| 9 | Submersible Sump Pumps for collection chamber, qualizationtank, Plant room drainage, Filter backwash sump | KSB, | Grundfoss | Crompton |
| | | Bluedrop enviro pvt ltd | | |
| 10 | Domestic Hydro pneumatic transferpump | Grundfoss | DP-Holland | Willo - Mather |
| 11 | PressureTransmitters / Hydrostatic Level Indicators | WIKA | Siemens | Johnson Control |
| 12 | Pressure Gauges | Fiebig | H. Guru | WIKA |

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| | | | | |
|-----------------------------|---|-----------------------------|-------------------------|-------------------------|
| 13 | Dosing System | ASIALMI | Milton Roy | Grundfoss |
| 14 | PumpVibration Pads & Suction & Delivery Flexible Connectors | Easyflex | Resistoflex | Dunlop |
| | | Bluedrop enviro pvt ltd | | |
| 15 | Pressure Sand & Activated carbon filter | M.S. Prefabricated | BRISANZA | FONTUS |
| 16 | Air Blowers | Everest | Beta | ABL |
| 17 | UltraViolet Disinfection forTreated Effluent | Alpha UV | Sukrut | Neotec |
| 18 | Air Diffusors | BOBKAY | MMAqua | REHAU |
| 19 | MBBR media for Aeration tank | MMAqua | PPAqua | Tecpro |
| 20 | Dosing Pumps | Milton Roy | Asia LMI | Grundfoss |
| 21 | Sludge Pumps (Centrifugal) | Kirloskar | Grundfoss | ITTIndustries |
| 22 | Sludge Pumps (Screw) | Roto | UTPumps | Stork |
| 23 | Tube Settler media | MMAqua | PPAqua | Tecpro |
| 24 | Centrifuge | Hiller | Alpha | umboldtWedag |
| 25 | Pressure Gauge | H. Guru | Fiebeig | WIKA |
| 26 | Level Gauge | H. Guru | Fiebeig | WIKA |
| 27 | pH Meter | Hach | Toshniwal | Ionix |
| 28 | Conductivity Meter | Hach | Toshniwal | Ionix |
| 29 | DO Meter | Hach | Toshniwal | Oakton |
| 30 | TDS Meter | Hach | Toshniwal | Oakton |
| 31 | UltraVioletWaterPurifier (WTP/ STP) | Flow Dynamics india pvt ltd | Pentair | Eureka Forbes |
| | | Bluedrop enviro pvt ltd | | |
| 31a | UV Water Purifier | Kent | Eureka Forbes | Acquaguard |
| 32 | Syphonic Roof DrainageSystem | Geberit | Saint Gobain | Bluedrop enviro pvt ltd |
| 33 | Ozonisation System | Oraipl | Ozonics | Voltas |
| | | Bluedrop enviro pvt ltd | | |
| 34 | Geared Motor | Bonfiglioli | Grease Cotton | otovario |
| 35 | Exhausters | Nicotra | Kruger | Green Heck |
| 36 | Compost Plant | Excel | Ecoman | Clean India |
| | | Bombay | Bluedrop enviro pvt ltd | Smart Enviro |
| | | | | |
| 39 | Solid Waste Handling and Conveying | EnvTech (P) Ltd. | Rosa | Bluedrop enviro pvt ltd |
| | | Flow Dynamics | | |
| 12. ELECTRICAL WORKS | | | | |
| 1 | Air Circuit Breaker | L&T | Siemens | ABB |
| | | Schneider | Indoasian | Legrand |
| | | C & S | | |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|--|----------------------|--------------------|-----------------|
| 2 | LT Panel TTA/PTTA | Peaton Electricals | Ecom Panels | SPC Electrotech |
| | | Control & Switchgear | L & T | |
| 4 | MCCB | L&T | Siemens | Schneider |
| | | ABB | Havells | Indoasian |
| 5 | MCB / MPCB/DB/RCCB | C & S | | |
| | | L&T | Siemens, | ABB |
| | | Legrand | Havells | C & S |
| 6 | ModularType light &powerAccessories (Switches, socket etc.)G.I. Switch Boxes | INDOASIAN | Schneider | |
| | | L&T | GM | Havells |
| 7 | Multifunction Meters | ABB | Indoasian | Legrand |
| | | RR Kabel | Siemens | Indoasian |
| 8 | Power Contactor-AC 3Rating / Capacitor Duty Contactor / Starter / Thyrister Module | Norpack | C & S | |
| | | Neptune | Secure | Schneider |
| 9 | APFC Relay | L&T | Siemens | Indoasian |
| | | ABB | | |
| 10 | Capacitor | L&T | Siemens | ABB |
| | | Crompton Greaves | Siemens | ABB |
| 11 | Electrical Motor / MotorStarter / Contactor/Switches | L&T | GM | Havells |
| | | Siemens | ABB | Crompton |
| 12 | Bus Ducts / Rising Mains | L&T | Indoasian | |
| | | SPC Electrotech | Legrand | C&S |
| 13 | FRLS PVC Insulated Copper Wire | L&T | Schneider | |
| | | BatraHenlay | Paramount | Avocab |
| | | Havells | Finolex | Ravin |
| 14 | Power Cables / ControlCables up to 11 KV | AKG | Polycab | |
| | | Havells | Polycab | BatraHenlay |
| | | Universal | Finolex | Paramount |
| 15 | Lugs / Gland | Avocab | AKG | RR kabel |
| | | Dowel | Comet | Braco |
| 16 | PVC Conduit pipes and Fittings | AKG | Tarun | Polypack |
| | | BEC | SFMC | PKS Export |
| | | Tarun | AKG | NIC |
| 17 | MS steel Conduit Pipes and fittings ISI Marked | JPC | Steel krafts | BEC |
| | | Erico | Alltec | Tercel |
| 18 | ESE Lighting Protection System | JMV LPS | Powertrack | |
| | | MK | OBO Betterman | Legrand |
| 19 | DLPTrunking | MK | OBO Betterman | Legrand |
| | | RMCON | SPC Electrotech | Dudhi |
| 20 | FloorTrunking / Raceway | SPC Electrotech | Peaton Electricals | Ecom Panels |
| | | paramount | Asawa | Advance |
| | | Control & Switchgear | AKG | RMCOM |
| 21 | CableTray | Philips | Bajaj | Devaang Solar |
| 22 | Solar Street Light Fitting with pole | | | |



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|--|---|--------------------|--------------------|--------------------|
| | | VSTP | Wipro | havells |
| 23 | Ceiling Fan / ExhaustFan | Crompton Greaves | Havells | Usha |
| | | Orient | RR | |
| 24 | Octagonal Steel Pole | Bajaj | Twinkle | Valmart |
| | | VSTP | Jelcotech | Devang Solar |
| 25 | Internal Lighting LED/other lighting | Philips/Signify | Havells | jaquar |
| | | trilux | TISVA(Usha) | RR Kabel |
| 26 | Outdoor Lighting | Klite | Philips/Signify | Havells |
| | | Osram | jaquar | Orange Elec |
| 27 | Automatic Fire System | Wipro | Tisva(Usha) | Eltrecks |
| | | FireTrex | ASES | Innovex 1230 |
| 28 | Solar Panels | Tata Solar Power | Photon | Jackson |
| | | Powertrac | BHEL | Indosolar |
| | | Powertech | Ornate Solar | |
| 29 | Sensors for light Control | Philips | jaquar | Havells |
| 30 | Fusion Protection Sleeve | Simon | Scheider | D-link |
| 31 | Façade Lighting | Philips/Signify | Klite | Havells |
| 13. SUBSTATION WORKS | | | | |
| 1 | Transformers | Crompton Greaves | Schneider Electric | ABB |
| | | Siemens | Volt amp | GEC |
| | | Labotek | BHEL | |
| 2 | 33 KVVCB HTPanels | SPC Electrotech | Siemens | ABB |
| | | Schneider Electric | L&T | Crompton Greaves |
| 3 | H.T.Termination& Joining Kit | Ray Chem | M-Seal | Birla – 3M |
| | | XIcon | | |
| 4 | Cables Glands | Comet | Dowell | Electromac |
| | | Siemens | Jainsons | Braco |
| 5 | Capacitor bank (ISI Marked) | L&T | Schneider | Epcos |
| | | ABB | Siemens | |
| 6 | Maintenance Free Earthing | Protec | Tercel | JMV |
| | | Ecosafe | | |
| 7 | ATS (Automatic Transformer Switch) | L&T | Caterpillar | GE |
| | | Vitzrotech | ABB | |
| 8 | Protection Relays | ABB | Schneider Electric | L&T |
| | | Siemens | BHEL | AREVA T & D |
| 9 | Current Transformer (Cast Resin Epoxy Coated)/ PotentialTransformer | Neptune | Gilbert & Maxwell | Kappa |
| 10 | Electrical Digital Meter with LCD Display | Neptune | Siemens | Schneider Electric |
| 11 | HRC Fuse and Fuse Fitting | ABB | L&T | Siemens |
| | | GE | Neptune | |
| 12 | Indicating Lamps | L&T | ABB | Siemens |
| | | Schneider Electric | | |
| 13 | 11kv cable | paramount | Batra henlay | finolex |
| | | Polycab | | |
| 14 | 33 Kva Cable | paramount | Batra Henlay | Finolex |
| | | Polycab | | |
| 14. DG SETS & RELATED ITEMS | | | | |
| 1 | DG Set | Kirloskar | Sudhir | Jakson |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|--|---|----------------------|---------------------|-------------------------------|
| | | Ashok leyland | Crompton | |
| 2 | Diesel Engine | Cummins | Caterpillar | MTU |
| | | Perkins | Kirloskar | |
| 3 | Alternator | Leroy Somer | Caterpillar | Stamford |
| | | Toyo Denki | KEC | Crompton Greaves |
| 4 | Batteries | Panasonic | Exide | Amaron |
| 5 | Batteries Charger | Uptron | Volstat Electronics | Statcon |
| | | AE | Labotek | Usha |
| 6 | PLC | Schneider | Allen Bradle | Siemens |
| 7 | NIS / NGR | Resitech | Essen | RSI Switchgear |
| | | Lachhman Electronics | | |
| 8 | AHF/APPF/AMF/EPP/FPP/AVR | Labotek | ABB,Vertiv | GE,Leo Power |
| 9 | Automatic phase sequence Corrector | Labotek | ABB,Vertiv | GE,Leo Power |
| 11 | Constant voltage constant frequency,Transient Voltage Surge Suppressor | Labotek | ABB,Vertiv | GE,Leo Power |
| 12 | K13 Isolation Transformer | LT(Labotek) | ABB,Vertiv | GE,Leo Power |
| 15. FIRE DETECTION & ALARM SYSTEM | | | | |
| 1 | Detectors & Devices – Intelligent multi criteria detector, smoke, heat&duct detectors, control&monitor module, faultisolator, hooters etc.AddressableMain Fire Alarm Panel with Digital Voice Evacuation System | Bosch | Siemens | Menvier |
| | | Pranav projects | ASES Security | Eaton |
| | | Hochiki | Esseby | AYZO |
| 2 | Fire Survival Cable | KEI | Polycab | RR Kabel |
| | | Ramcro | Havells | Avocab |
| | | BatraHenlay | AKG | |
| 3 | UPS System | Vertiv | Leo Power | Schneider |
| | | Microtek | Luminous | Uniline Energy System Pvt ltd |
| | | eaton | APC | Delta Power Solutions |
| 4 | PublicAddress& Back Ground music system | Eaton | Bosch | Bose |
| | | TOA | ASES | Ayzo |
| | | Cavitak | JBL-Harman | |
| 5 | Access Control | Dorma | Siemens | |
| | | Yale | Geze | Kriti Sean |
| | | Taiton | Garrett academy | Suprema |
| | | Bosch | | Hikvision |
| | | Avians | Matrix | TyCO |
| 6 | Emergency BreakGlass Unit | Ozone | GE | Bosch |
| 16. IPBASED CCTV SYSTEM | | | | |
| 1 | NVR/NAS & Accessories Encoder Decoder | Hikvision | Bosch | Samsung |
| | | Siemens | CP Plus | Sony |
| | | Honeywell | AXIs | GVD |
| 2 | CCTV Cameras | CP Plus | Bosch | Pelco |
| | | GVD | Matrix | HikvisionPra |



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|---|-----------------|-------------------------|-------------------|
| | | | | ma |
| | | Siemens | honeywell | CP Plus |
| | | Sony | | |
| 3 | Power Supply | Protec | Axis | GVD |
| | | | Bosch | Pelco |
| 4 | Weatherproofing housing | Siemens | Stanley Security | Axis/GVD |
| | | Cisco | Microsens | HP |
| 5 | Network Switch(L2 / L3) | Dell | D link | Juniper |
| | | KeselecSchreder | Heper | Wipro |
| 6 | Multipurpose Poles | Jelcotech | VSTP | |
| | | Osram | K lite | Panasonic |
| 7 | Digital Lighting | Signamax | Signify(Phillips) | |
| | | | Somfy | Ravel |
| 8 | Boom Barrier/Turnstites | | Dormakaba | FAAC |
| | | L&T | Havells | Polycab |
| | | KEI | Avocab | Finolex |
| 9 | Co-AxialTV Cable/power Cable | RR | Paramount | AKG |
| | | CommScope | Systemax | Siemens |
| | | Legrand | Panduit | Orange Electric |
| 10 | CAT6 24 Port Jack Panel | Finolex | R & M | Amp |
| | | Molex | Salzex | |
| | | Siemon | Rittal | Nikon |
| | | Sistemax | R & M | |
| 11 | Passive networking – ITracks | Orange Electric | Netrack | APC |
| | | Legrand | Panduit | Comenscope |
| 12 | Structured Cabling and components | Schindler | Siemon | Systemax |
| | | Legrand | Tyco | R & M |
| 13 | Fire Cable | Netapp | Gemscab | Ramcro |
| | | Batra henlay | AKG | Paramount |
| | | Netrack | Rittal | APC |
| 14 | NetworkAttachedStorage | HP | Dell | Lenovo |
| | | Samsung | Apple | Vestel |
| 15 | Desktop PC | HP | Dell | Lenovo |
| | | Samsung | Apple | Vestel |
| 16 | Professional DisplayPanel | HP | Dell | Lenovo |
| | | Samsung | LG | Vestel |
| | | Sony | | |
| 17 | Asterisk Based IP Exchange | Panasonic | | Beetel |
| | | Ravel | Beumer | Smith ,Detecti on |
| 18 | Baggage Scanners | Hikvision Prama | Rapiscan | |
| | | Cavitak | AYZO | QIS |
| 19 | IP PBX, Safety Fire, Security CCTV, Access AV, Automation | GVD | Hikvision Prama | Eaton |
| | | Pranav Projects | | |
| 20 | LED Video Wall display/or 43"/55" 50"/75" | Sony | Samsung | LG |
| 21 | Touch Screen Kiosk | /Sony | Samsung | LG |
| 22 | Video Wall Controller | Crestron | Extron | Lightware |
| 23 | | Delta | Barco Electronic System | |

17. ELEVATORS & ESCALATORS



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|---------------------------|---|---------------------------------|--------------------------------------|--------------------------|
| 1 | Elevators | Mistubhishi | Kone | Schindler |
| | | Johnson | Thyssenkrup | Otis |
| 2 | Escalators/Travelaors | Mistubhishi | Kone | Schindler |
| | | Johnson | Thyssenkrup | Otis |
| 18. LANDSCAPEWORKS | | | | |
| 1 | Water Body Vendors/Fountain | Ripple Engineering | Premium Pools | |
| | | Aqua Star | Certikin | Frazilwater |
| 2 | Irrigation Products | StitchwellQualite x | Irrigation ProductsInternatio nal | Jain Irrigation Systems |
| | | | | |
| 19. BMSWORK | | | | |
| 1 | Standalone DDCs | - Comfortpoint | Siemens (PX SERIES) | Johnson Controls Metasys |
| | | Schneider Electric Struxureware | Pranav Sales and projects | |
| 2 | Web Based BMS Software withunlimited user license | -EBI | Siemens Desigo | Johnson Controls Metasys |
| | | Schneider Electric Struxureware | Pranav Sales and projects | |
| 3 | Web Based Router / Network Controller Area | - Comfortpoint | Siemens Desigo | Johnson Controls Metasys |
| | | Schneider Electric Struxureware | Pranav Sales and projects | |
| 4 | Power & Energy Management Software | Pranav Sales and projects | Siemens | Johnson Controls |
| | | Schneider Electric | | |
| 5 | Duct Temperature Sensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 6 | Immersion Temperature Sensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 7 | Room Temperature Sensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 8 | Duct Humidity Sensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 9 | Room Humidity Sensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 10 | Flow Meter | Schenitech | | Kampstrup |
| | | Omicron | | |
| 11 | Duct Static PressureSensor | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 12 | Water Level Switch | Veksler | Filpro | Sontay |
| | | Omicron | | |
| 13 | DPSwitch –Water | | Siemens | Johnson Controls |
| | | Schneider Electric | | |
| 14 | DPSwitch –Air | | Siemens | Johnson Controls |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|---------------------------------------|--|--------------------|------------------|------------------|
| | | Schneider Electric | Greystone Energy | Omicron |
| 15 | CO2 Sensor / IAQ | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 16 | Water Flow Switch | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 17 | Pressure Transmitter–Water | | Siemens | Johnson Controls |
| | | Schneider Electric | Greystone Energy | Omicron |
| 18 | Current Relay | Veris | Seto | Mamac |
| | | Omron | ABB | Omicron |
| 19 | Voltage / Current / Power Factor Transducer | SETO | ABB | L&T |
| | | Enercon | SETCO,Situ | Omicron |
| 20 | Flame Proof Level Switch / Level Transmitter | Veksler | Filpro | Sontay |
| | | Techtrol | Omicron | |
| 21 | PH Sensor / TDS Sensor | | Hach | Greisinger |
| 22 | Personal Computer and Servers | HP | DELL | LENOVO |
| | | TOSHIBA | IBM | |
| 23 | Colour Monitor | LG (FLATRON) | HP(PAVILION) | Lenovo |
| 24 | Printer | HP | EPSON | CANON |
| | | kyocera | | |
| 25 | Copper Conductor Control Cable | Finolex | Skytone | Havells |
| | | Delton | Excel | |
| | | Fusion Polymers | Polycab | Avocab |
| 26 | Communication Cables/ Signal Cable | Finolex | Avocab | Delton |
| | | Skytone | Excel | |
| | | Fusion Polymers | Polycab | Havells |
| 27 | LAN cables for BMS Network | Belden | Digi-Link | Avaya/Panduit |
| 28 | PVC Conduits | BEC | AKG | SFMC |
| 29 | Network Switches | HP | Cisco | Extreme |
| 20. MISCELLANEOUS / OTHERWORKS | | | | |
| 1 | Customized Cable tray for multi services, Lighting & LV wiring | BEC | Leeway Design | OBO Betterman |
| | | Jetcotech | | |
| 2 | Optical Turnstiles | Boon Edam | Gunnebo | Dorma |
| | | | | |
| 3 | Central Vacuum System | Systemair | Sachvac | Schonbach |
| | | Sistemair | fanair | |
| 4 | Multi Purpose Poles | Keselec | Heper | Wipro |
| | | VSTP | | |
| 5 | Garbage Chute system | Ecotech Chutes | Horizon Chutes | Hardal |
| | | Premier tech Aqua | JKK Corporation | |
| 6 | Waste Compacter bins | Universal e cube | Big Belly Solar | Schonbach |
| | | Koncept solutions | | |
| 7 | Polyurethane Sealant | Choksey | Fosroc | Pidilite |
| 8 | Adhesive for Wood Work | Dunlop | Fevicol | Vamicol |
| | | Pidilite | | |

Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|----|--|-----------------------------------|----------------------------|-------------------|
| 9 | Landscape Furniture | Godrej | Wipro | Featherlite |
| | | KK Manhole & Grating Co. Pvt. Ltd | JSLArchitecture Ltd | Dudhi |
| | | TOSPL | Loom Krafts | Durian |
| | | Geeken | Delite | AFC |
| 10 | Hdpe Grass Pavers & HdpeDrain Board | Ovilit | Aceturf | Plydex |
| | | Geeken | Steelcase | Dudhi industries |
| 11 | Ornate Pots (Removable Planters) | Smart Exteriors | Yuccabe | Raunaq Sales |
| | | DUDHI | | |
| 12 | Stone slabs – Marble & Granite | R.K.Marble | Malani Marbles | Mangla Group |
| | | Fortune Stones | Sarna marble | |
| 13 | indoor & Outdoor Tiles (High Load) | Pavit | Unistone | Somany |
| | | Cera | RAK | |
| | | Simpolo | H&R Johnson | |
| 14 | Full body Vitrified Tiles (Antiskid / Matt / Glazed) & Ceramic tiles | RAK Ceramics | Sunheart | Varmora |
| | | simpolo | H&R Johnson | Nitco |
| | | AGL | | |
| 15 | Insulated Aluminium Panels | Luxalon | Qbiss | Alstone |
| 16 | Kids Play Equipment | Koochie | Kompam | Hugo play |
| 17 | ArtWork - Sculptures / glass mosaics | Infine art | ArtView Studio | Timeless Art |
| | | Art Kommune | Mukul Goel Associates(MGA) | 3M |
| 18 | Furnitures and Chairs | Harman Miller | Haworth | Featherlite |
| | | loomcraft | Durian | Godrej |
| | | Geeken | TOSPL | HNI |
| 19 | Modular Matting | Euronics | Bobric | 3M |
| | | | Dolphy | Prolite Glo |
| 20 | Baby changing Station | Bobric | Euronics | Dolphy |
| 21 | Paper napkin Dispensor | Bobric | Euronics | Dolphy |
| 22 | Specially abled Fittings | Pressalit Ltd. | Hindustan | Euronics |
| 23 | Decorative Films /Safety Films | 3 M | Garware | Taiton |
| 24 | Glass Mirror` | AIS | ASAHI | Modi Guard |
| 25 | Public Address System/Amplifier etc | Bose | TOA | ASES |
| | | Bosch | Commend | JBL |
| 26 | SS Sink | Jayna | Franke | Koncept Solutions |
| | | Neelkanth | Nirali | |
| 27 | Drawer Channels | OZONE | TELESCOPIC EBCO | Dorma |
| | | dorset | hafele | |
| 28 | Signages | 3M | Ergomax | Cosign |
| 29 | Flap Barrier, Boom Barrier, HHMD, DFMD, Face recognition terminal,ANPR& thermal camera, Video wall solution & ELV System | Dorma | HikvisionPrama | Ravel |
| | | Secutech | AYZO | QIS |
| | | GVD | Cavitak | |
| 30 | Zinc Composite panels/Zinc Roofing Sheet | Aludecor | Reynoarch | Alstrong |
| | | Vmzinc | VIVA/Elzinc | Alstone |
| 31 | EV charger | LABOTEK | GE | ABB |
| | | Power Xpert | Lubi | eaton |
| 32 | MEPF | Halion | VKBS | Yogi |



Engineering Procurement for Major Upgradation of Bilaspur Railway Station

| | | | | |
|---------------------|--|-----------------------------|---------------------------|---------------------------|
| | | | | Engineers |
| 33 | Digital Biometric and RFID Locks | Ozone | Yale | Godrej |
| 34 | Movable partitions Accoustic and glass | Ozone | Dormakaba | Taiton |
| 35 | Smart Switch Film | Taiton | 3M | Garware |
| 36 | Air purification systems | Magneto | Intelligreen Technologies | |
| 37 | Modular -rain water harvesting | Bantair | Amricha | Wavin |
| 38 | UV water purifier | Think Green | Blue drop enviro pvt ltd | zeroB |
| 39 | Outdoor tiles High load | somany Pavit | simpolo HR johnson | unistone |
| 40 | SS Bus stop and Tandem chairs | Koncept solutions | JSPL | Continental Equipment |
| 41 | Solidwaste handling and conveying | Lemir tech Aqua | Bluedrop enviro pvt ltd | Oxybee solutions |
| 42 | Solar panels | Solar ornate TATA | powertrac Adani | Jackson CIRA |
| 43 | Liquid soap Dispensor, Toilet paper holder , Towel rail | Bobric | Euronics | Sloan/Dolphy |
| 44 | Queue Manager | Bobric | Euronics | Dolphy |
| 45 | RO system | Blue Star | Kent | Eureka Forbes |
| 46 | Water softener | Ion Exchange | Pentair | Eureka Forbes |
| | | Flow Dynamics India pvt ltd | Thermax | |
| 47 | Bar code/QR code / Scanner/fee display monitor/optical scanner | Zebra technologies | Newland AIDE | |
| 48 | Thermal receipt Printer | Zebra technologies | Newland AIDE | |
| 49 | Digital Clock | Smarteck | Dynatek | Vertaxis |
| 50 | Solar water Heater Panel | | V guard | Tata |
| 51 | SMC GRP Panel Tank | Sintex | orion | |
| 52 | Ruberized Crossing | Avadh Rail infra ltd | Kraiburg Strail | Rosehill Rail |
| 53 | Platform gap filler | Avadh Rail infra ltd | MASATS S.A. | S.K Polymer |
| 54 | Structural Surface refurbishment Chemical | Konstruktion Chemie pvt ltd | Hi Creations | Jain Speciality Chemicals |
| 55 | Aluminium Honey Comb panels | VIVA | Reynoarch | Alstrong |
| | | Alstone | | |
| 56 | Modular kitchen/wardrobes | Alstone | Brown Crust | Hafele |
| 57 | Silicon Sealant(Coloured)/PU Silicone | Alstone | Akemi | |
| 58 | Panic Bar | Ozone | Hettich | Dorset |
| SCADA SYSTEM | | | | |
| 1 | Panel | Eldon | Schneider | Vestel |
| 2 | PLC/HMI Hardware& accessories | Siemens | Schneider | Vestel |
| 3 | PLC & HMI Programming software | Siemens | Schneider | Vestel |
| 4 | Cable | Havell | Polycab | AKG |
| | | Finolex | | |
| 5 | MCB | Schneider | Siemens | Havells |
| 6 | Switch & Sockets | Schneider | Siemens | Havells |
| 7 | Industrial PC | Hewlett Packard | ACER | Apple |

