**CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1.** | | **Proposed Position** | | | GIS/Surveyor/Auto Cad/Pipeline Designer/Surveyor | | | | | | |
| **2.** | | **Name of Firm** | | | WAPCOS LTD. | | | | | | |
| **.** | | **Name of Staff** | | | Bhagwan Sahay | | | | | | |
| **4.** | | **Date of Birth** | | | 30-06-1986 | | | **Nationality** | | | Indian |
| **5.** | | **Education** | | | Msc in Remote Sensing & GIS  [Global](http://www.google.co.in/aclk?sa=L&ai=Cg47JNIdsTYzhEoymuwOz_vxuyNmGhwLwvrSDIPLD7K0KCAAQAygDUJTdkKb8_____wFg5YKAgPQpyAEBqQKXqhom6dJXPqoEGk_QungbmXjJWEtjOg1k8Fhm89SVohrdpB2w&sig=AGiWqtxtrmwz_aOuneZrXe9f3lX6fwotcA&adurl=http://wwww.justdial.com/ppc/index.php%3Fct%3DMalda%26st%3DSikkim%2BManipal%2BUniversity%26a%3DMalda%26utm_source%3Dadwords%26utm_medium%3Dppc%26utm_campaign%3DMalda%26utm_content%3D732101_4%26utm_term%3DSikkim%2BManipal%2BUniversity) Open University, Nangaland  (Through Indian Institute of Ecology & Environment, New Delhi) in 2008 | | | | | | |
| **6.** | | **Contact & Mail id** | | | +919811805716, +255263662135 bsgsun@gmail.com | | | | | | |
| **7.** | | **Other Trainings** | | | * Computer training of AutoCAD applications in 2d Drafting in Gurgaon. * Training of Landuse in Vardan environet, Gurgaon 15 days. * Survey training in Vardan Envionet, Gurgaon 15 days. * WaterGEMS- Bentley in Wapcos Tanzania, Africa 30 days. | | | | | | |
| **8.** | | **Countries of Work Experience** | | | India, Tanzania Africa | | | | | | |
| **9.** | | **Languages** | | | **Speaking** | | **Reading** | | | **Writing** | |
| * **English** | | | | | Excellent | | Excellent | | | Excellent | |
| * **Hindi** | | | | | Excellent | | Excellent | | | Excellent | |
| **10.** | | **Employment Work Type Record** | | | * Supervising a team of staff including programmers, cartographers, data managers, analysts and Support Specialist. * Network Modelling of water supply distribution network in Water GEMS Software and Ms Excel, further representing the same in latest version of Auto cad Civil 3d * Managing Budgets and project costs. * Consulting clients to ascertain project purpose, needs and information required. * Managing the development of GIS software packages. * Evacuating the functionality of systems. * Work with geographic information systems. * Analyse spatial data. * Provide expert advice and services for users of GIS systems. * Fixing of permanent Bench Mark * Topographical Survey of the site * Checking levels during construction stage * Finalizing the layout of pipelines * Create maps. * Work with remote sensing and imagery to locate special features on a landscape. * Monitor conservation easements and locate natural features with remote sensing. * Determine natural disaster escape routes and estimate time needed for evacuations. * Landuse, Fcc, Drainage map, Geo-referencing of Toposheet & Khasra map, Create Khasra boundary from raster to vector process, village boundary, micro & macro watershed boundary based on drainage pattern, layer create in which village location, Type of Landmarks DEM Preparation, data integration & QC, create 10 & 15 Km Topographic & Eco sensitive maps. * Layout Plan, parking Plan, Landscape Plan, Dual plumbing Plan, Rainwater Harvesting Plan, Fire Fighting Plan, Section Elevation & Contour Plan etc * Preparation of Aerial Conenctivity drawings & Tower Drawing.     Tools: - Autocad Civil 3d 2020 , Arc- GIS, ERDAS Imagine, Google Earth, Global Mapper, WaterGEMS | | | | | | |
|  | | **From** | | | **To** | **Employer** | | | **Position Held** | | |
| **i.** | | 1st August 2017 | | | Till Date | Wapcos LTD. (Tanzania Africa) | | | GIS/Surveyor/Pipeline Designer | | |
| **ii** | | November 2012 | | | July 2017 | Vardan Environet, Gugaon | | | GIS/CAD Expert | | |
| **iii** | | August 2011 | | | November 2012 | RB Cad Co-Ordinate System Pvt. Ltd, (Gurgaon) | | | GIS /Cad Expert | | |
| **iv** | | May 2009 | | | August 2011 | Dimension India Networks Pvt. Ltd., (Nodia**)** | | | GIS/Cad Expert | | |
| **v** | | March 2008 | | | May 2009 | Reliance Communication Ltd  (New Delhi) | | | GIS/Cad Expert | | |
| **vi** | | Dec 2006 | | | March 2008 | VMD CAD & Graphic Technology Pvt. Ltd  (Gurgaon) | | | GIS/Cad Expert | | |
| **Work Undertaken the best Illustrates Capability to handle the Task Assigned** | | | | | | | | | | | |
| **i.** | **Project Name** | | : | **Provision of Consultancy Services in Community Facilitation, Preparation of Detailed Designs, Bidding Documents for the Off-Grid Water Supply Works in Dar es Salaam**  **(World Bank Funded)** | | | | | | | |
|  | **Project Duration and Location** | | : | **6 Months, Dar Es Salaam Municipality, Tanzania Africa** | | | | | | | |
|  | **Client** | | : | **Dar Es Salaam Water And Sewerage Authority DAWASA** | | | | | | | |
|  | **Main Project Features** | | : | **Detailed Project Report** | | | | | | | |
|  | **Position Held** | | : | GIS/Auto Cad/ Pipeline Designer | | | | | | | |
|  | **Activities Performed** | | : | * Data Collection * Route Marking * Network Modelling of water supply distribution network in Water GEMS Software and Ms Excel, further representing the same in latest version of Auto cad Civil 3d * Preparing DPR Report | | | | | | | |
| **ii.** | **Project Name** | | : | **Project Management Consultancy Services for Augmentation of Water supply Scheme in Various Towns (Exim Bank of india Funded)** | | | | | | | |
|  | **Project Duration and Location** | | : | **5 Months, Varies Town, Tanzania Africa** | | | | | | | |
|  | **Client** | | : | **United Republic of Tanzania Ministry of water** | | | | | | | |
|  | **Main Project Features** | | : | **Detailed Project Report** | | | | | | | |
|  | **Position Held** | | : | GIS/Auto Cad/ Pipeline Designer | | | | | | | |
|  | **Activities Performed** | | : | * Data Collection * Route Marking * Network Modelling of water supply distribution network in Water GEMS Software and Ms Excel, further representing the same in latest version of Auto cad Civil 3d * Preparing DPR Report | | | | | | | |
| **iii** | **Project Name** | | : | **Project Management Consultancy Services for Augmentation of Water supply Scheme in Extension of Lake Victoria Pipeline to Tabora, Igunga and Nzega Towns Package 1 , II and III. (Exim Bank of india Funded)** | | | | | | | |
|  | **Project Duration and Location** | | : | **30 Months, Tabora, Igunga, Nzega, Tanzania Africa** | | | | | | | |
|  | **Client** | | : | **United Republic of Tanzania Ministry of water** | | | | | | | |
|  | **Main Project Features** | | : | Supply & Laying Transmission main line, Distribution  Construction of Building, Reservoir, Operation House, Kiosk | | | | | | | |
|  | **Position Held** | | : | SURVEYOR/GIS Expert/Pipe Line Designer | | | | | | | |
|  | **Activities Performed** | | : | * Fixing of permanent Bench Mark * Topographical Survey of the site * Checking levels during construction stage * Finalizing the layout of pipelines * Managing Budgets and project costs. * Consulting clients to ascertain project purpose, needs and information required. * Managing the development of GIS software packages. | | | | | | | |
| **iv** | **Project Name** | | : | River-bed mining lease at  Area – 232 Hectares  Category - A | | | | | | | |
| **Project Duration and Location** | | : | November2012-August 2013  Tehsil Bari and Baseri, District Dholpur, Rajasthan | | | | | | | |
| **Client** | | : | Sh. Naval Kishore Gupta  Residence Old Track union near Mandrayal Road, Karoli, Rajastan | | | | | | | |
| **Main Project Features** | | : | * Identification and collection of satellite images and other associated maps. * GIS database creation and processing of satellite images using GIS software. * Digitization and preparation of landuse land cover map, slope map, soil map, Analysis of GIS based data. | | | | | | | |
| **Position Held** | | : | SURVEYOR/GIS Expert | | | | | | | |
| **Activities Performed** | | : | * Project :- River bed Mining   Role: - Landuse, Fcc, Drainage map, Geo-referencing of Toposheet & Khasra map, Create Khasra boundary from raster to vector process, village boundary, micro & macro watershed boundary based on drainage pattern, layer create in which village location, Type of Landmarks DEM Preparation, data integration & QC, create 10 & 15 Km Topographic & Eco sensitive maps  Tools: - Arc- GIS, ERDAS Imagine, Autocad Map, Google Earth, Global Mapper   * Preparation of Form I, PFR, EIA/EMP reports, Conceptual Plan, TOR presentation, EC * Environment report and management plan shall be prepared based on such assessment. * Involve in Authority public hearing and addressing the comments and suggestions received during EIA process in view to getting environment clearance from the authority. * Knowledge of Basic Environment legal requirements, (MoEF & CC, State Pollution. | | | | | | | |
| **v** | **Project Name** | | : | Stone Mining lease at  Tehsil Narnaul Distt. Mohindergarh  Category-A | | | | | | | |
| **Project Duration and Location** | | : | Aprail 2013-August 2014 | | | | | | | |
| **Client** | | : | M/s A.N.E. Industries Pvt. Ltd.  Chandigarh Road, Nawanshahar-144514, Punjab | | | | | | | |
| **Main Project Features** | | : | * Identification and collection of satellite images and other associated maps. * GIS database creation and processing of satellite images using GIS software. * Digitization and preparation of landuse land cover map, slope map, soil map, Analysis of GIS based data. | | | | | | | |
| **Position Held** | | : | SURVEY/GIS Expert | | | | | | | |
| **Activities Performed** | | : | * Project :- Stone Mining   Role: - Landuse, Fcc, Drainage map, Geo-referencing of Toposheet & Khasra map, Create Khasra boundary from raster to vector process, village boundary, micro & macro watershed boundary based on drainage pattern, layer create in which village location, Type of Landmarks DEM Preparation, data integration & QC, create 10 & 15 Km Topographic & Eco sensitive maps  Tools: - Arc- GIS, ERDAS Imagine, Autocad Map, Google Earth, Global Mapper   * Preparation of Form I, PFR, EIA/EMP reports, Conceptual Plan, TOR presentation, EC * Environment report and management plan shall be prepared based on such assessment. * Involve in Authority public hearing and addressing the comments and suggestions received during EIA process in view to getting environment clearance from the authority. * Knowledge of Basic Environment legal requirements, (MoEF & CC, State Pollution. | | | | | | | |
| **vi** | **Project Name** | | : | Sand Mining Lease at Tikola unit-1, Sonipat, Haryana  Category-A | | | | | | | |
| **Project Duration and Location** | | : | January 2015-Aprail 2017 | | | | | | | |
| **Client** | | : | M/s DSP Associates  House no. 1305, Sector-14, Sonipat, Haryana | | | | | | | |
| **Main Project Features** | | : | * Identification and collection of satellite images and other associated maps. * GIS database creation and processing of satellite images using GIS software. * Digitization and preparation of landuse land cover map, slope map, soil map, Analysis of GIS based data. | | | | | | | |
| **Position Held** | | : | SURVEY/GIS Expert | | | | | | | |
| **Activities Performed** | | : | * Project :- Sand Mining   Role: - Landuse, Fcc, Drainage map, Geo-referencing of Toposheet & Khasra map, Create Khasra boundary from raster to vector process, village boundary, micro & macro watershed boundary based on drainage pattern, layer create in which village location, Type of Landmarks DEM Preparation, data integration & QC, create 10 & 15 Km Topographic & Eco sensitive maps  Tools: - Arc- GIS, ERDAS Imagine, Autocad Map, Google Earth, Global Mapper   * Preparation of Form I, PFR, EIA/EMP reports, Conceptual Plan, TOR presentation, EC * Environment report and management plan shall be prepared based on such assessment. * Involve in Authority public hearing and addressing the comments and suggestions received during EIA process in view to getting environment clearance from the authority. * Knowledge of Basic Environment legal requirements, (MoEF & CC, State Pollution. | | | | | | | |
| **vii** | **Project Name** | | : | Sand Mining Lease at Tikola unit-1, Sonipat, Haryana  Category-A | | | | | | | |
| **Project Duration and Location** | | : | January 2015-Aprail 2016 | | | | | | | |
| **Client** | | : | M/s DSP Associates  House no. 1305, Sector-14, Sonipat, Haryana | | | | | | | |
|  | **Main Project Features** | | : | * Identification and collection of satellite images and other associated maps. * GIS database creation and processing of satellite images using GIS software. * Digitization and preparation of landuse land cover map, slope map, soil map, Analysis of GIS based data. | | | | | | | |
| **Position Held** | | : | SURVEY/GIS Expert | | | | | | | |
| **Activities Performed** | | : | * Project :- Sand Mining   Role: - Landuse, Fcc, Drainage map, Geo-referencing of Toposheet & Khasra map, Create Khasra boundary from raster to vector process, village boundary, micro & macro watershed boundary based on drainage pattern, layer create in which village location, Type of Landmarks DEM Preparation, data integration & QC, create 10 & 15 Km Topographic & Eco sensitive maps  Tools: - Arc- GIS, ERDAS Imagine, Autocad Map, Google Earth, Global Mapper   * Preparation of Form I, PFR, EIA/EMP reports, Conceptual Plan, TOR presentation, EC * Environment report and management plan shall be prepared based on such assessment. * Involve in Authority public hearing and addressing the comments and suggestions received during EIA process in view to getting environment clearance from the authority. * Knowledge of Basic Environment legal requirements, (MoEF & CC, State Pollution. | | | | | | | |
| **viii** | **Project Name** | | : | **Real-Estate/Group Housing/Commercial Projects** | | | | | | | |
| **Project Duration and Location** | | : | January 2014-May 2014 | | | | | | | |
| **Client** | | : | M/s Florence Estate, Krish Group  Sector-70, Gurgaon | | | | | | | |
| **Main Project Features** | | : | * Identification and collection of satellite images and other associated maps. * GIS database creation and processing of satellite images using GIS software. * Digitization and preparation of landuse land cover map, slope map, soil map, Analysis of GIS based data. | | | | | | | |
| **Position Held** | | : | SUVEY/GIS Expert | | | | | | | |
| **Activities Performed** | | : | * Project :- Construction Projects * Role: - Layout Plan, parking Plan, Landscape Plan, Dual plumbing Plan, Rainwater Harvesting Plan, Fire Fighting Plan, Section Elevation & Contour Plan etc Preparation of Form I, PFR, EIA/EMP reports, Conceptual Plan, TOR presentation, EC * Environment report and management plan shall be prepared based on such assessment. * Involve in Authority public hearing and addressing the comments and suggestions received during EIA process in view to getting environment clearance from the authority. * Knowledge of Basic Environment legal requirements, (MoEF & CC, State Pollution. | | | | | | | |
| **ix** | **Project Name** | | : | **Solarcity (575 7th St NW #400, Washington, DC 20004, United States** | | | | | | | |
|  | **Project Duration and Location** | | : | January 2009-May 2011 | | | | | | | |
|  | **Client** | | : | M/s Mcgouy, Washington | | | | | | | |
|  | **Main Project Features** | | : | * Solarcity is a national leader in clean energy services. They make clean energy available to homeowners, businesses, schools, non-profits and government organizations. | | | | | | | |
|  | **Position Held** | | : | GIS/Cad Expert | | | | | | | |
|  | **Activities Performed** | | : | * Solarcity is a national leader in clean energy services. They make clean energy available to homeowners, businesses, schools, non-profits and government organizations at a lower cost than they pay for energy generated by burning fossil fuels like coal, oil and natural gas. Our approach is to draft roof plans and install PV modules and create sections as well. | | | | | | | |
| **x** | **Project Name** | | : | **Huda Project** | | | | | | | |
| **Project Duration and Location** | | : | August 2011-May 2012 | | | | | | | |
| **Client** | | : | M/s Huda | | | | | | | |
| **Main Project Features** | | : | GIS Maping of Sector Planning and Layout plan Traffic and Transportation Planning and Highway engineering projects. Preparation Minor Bridges, ROBs, Culverts, Details Drawings, Plan and Profile for Proposed and Existing Roads, Utility Plan, Land Acquisition Plan, Preparation of Layout Plans, Sections and Elevations, Preparation of improvement plans for many intersections in the CAD environment. | | | | | | | |
| **Position Held** | | : | GIS/CAD | | | | | | | |
| **Activities Performed** | | : | Preparation of Form reports, Conceptual Plan, GIS Maping of Sector Planning and Layout plan Traffic and Transportation Planning and Highway engineering projects. Preparation Minor Bridges, ROBs, Culverts, Details Drawings, Plan and Profile for Proposed and Existing Roads, Utility Plan, Land Acquisition Plan, Preparation of Layout Plans, Sections and Elevations, Preparation of improvement plans for many intersections in the CAD environment. | | | | | | | |