



Republic of the Philippines
DEPARTMENT OF HEALTH
OFFICE OF THE SECRETARY
PURCHASE ORDER

Procurement of Various Arcgis-Related Software Licenses

DC No. 2020-008

Supplier:	Geodata Systems Technologies, Inc.		PO No.:	GOP-2020-12-130	
Address:	19th Floor Stata 100 Building F, Ortigas, Jr. Road, Ortigas Center, 1605 Pasig City		Date:	MAR 05 2021	
Telephone No.	63-2-637-4449 and Fax No. 63-2-633-6873		Mode of Procurement:	Direct Contracting	
TIN	001-290-207-000				
Sir/Madam: Please furnish this office of the following articles subject to the terms and conditions contained herein:					
Place of Delivery:	Department of Health - Knowledge Management and Information Technology Services, Bldg. 9, San Lazaro Compound, Sta. Cruz, Manila		Delivery Term:		
Date of Delivery:	Lot 1 - Thirty (30) calendar days upon receipt of approved Notice to Proceed (NTP); Lot 2 and 3 - Forty-Five (45) calendar days upon receipt of approved NTP		Mode of Payment:	<i>Upon Delivery and Acceptance</i>	
Lot No.	Unit	Description	Quantity	Unit Price	Amount
1	Lot	ArcGIS Desktop System for HFDB (Set) I. Detailed Technical Specifications: A. Compatibility: 1. Windows 10 Home, Pro, Enterprise (64 bit) Windows 8.1 Basic, Pro, and enterprise (32 bit and 64 bit), Windows 7 Ultimate, Professional, and Enterprise (32 and 64 bit) compatible B. Software: 1. One (1) ArcGIS for Desktop Advanced Concurrent Use License. Includes one (1) ArcGIS Online Creator named user entitlement for one year. 2. One (1) ArcGIS Desktop Standard Concurrent Use License. Includes one (1) ArcGIS Online Creator named user entitlement for one year. 3. One (1) ArcGIS for Desktop Basic Single Use License. Includes one (1) ArcGIS Online Creator named user entitlement for one year. 4. One (1) ArcGIS Network Analyst for Desktop Concurrent Use License. 5. Five (5) ArcGIS Online Service Credits, Block of 1,000 C. Features: 1. It shall be able to plan optimized routes for a vehicle or fleet, locate the closest facilities, define service areas, and more. 2. It shall help DOH dynamically represent network conditions including one-way streets, turn and height restrictions, speed limits, and traffic. 3. It shall produce the most efficient routes for fleet where DOH can optimize these routes based on variables like distance, time, cost, traffic, and vehicle restrictions. 4. It shall let DOH find the shortest routes to the closest facilities and can specify search parameters like the number of locations to find, direction of travel, and maximum search distance. 5. It shall help perform location allocation analysis, which determines the optimal locations for future facilities. 6. It shall be able to define service areas based on travel time, cost, or distance. 7. It shall define cost attributes such as distance, time, fuel consumption, and visibility according to DOH specific operational requirements. 8. It shall allow DOH to combine different transportation networks in a single multimodal dataset by using points of coincidence (such as rail stations or bus stops) that form linkages between networks. 9. It shall provide tools to allow users to navigate maps and interact with the data layers in it. 10. It shall have an intuitive interface; customizable, access to online basemap services like imagery, streets, topographic, terrain, etc. 11. It shall include access to online task services such as Geocoding, Routing, and Geometry Services. 12. It shall be able to standardize cartographic production and shall support enterprise cartographic workflows that conform to the required cartographic standards. 13. It shall be able to Pan, Zoom, and Rotate the Map. 14. It shall be able to Find an X,Y (Latitude-Longitude) Location on a Map. 15. It shall be able to Zoom to the Full Study Area of the Map. 16. It shall be able to Zoom to the Extent of a Layer. 17. It shall be able to Zoom to the Visible Scale of a Layer. 18. It shall be able to Zoom to a Specific Map Scale. 19. It shall be able to use Spatial Bookmarks 20. It shall be able to access Hyperlinks. 21. It shall be able to use Dynamic MapTips. 22. It shall be able to use Magnification Window. 23. It shall have labeling capabilities which includes creating text annotations, create dynamic on-the-fly labels, supports and conflict detection and label placement. 24. It must be able to perform spatial analysis that help identify patterns, make predictions, and answer complex questions. 25. It must provide options to export maps into printable and shareable formats should be available. 26. It must have tools to improve the users' productivity by streamlining editing, geoprocessing, and analysis workflows. 27. It shall provide tools for Geoprocessing. 28. It shall be able to analyze maps for errors, unsupported content, performance tips. 29. It shall be able to preview maps and estimated rendering time and shall have GPS support. 30. It shall be able to interactively reveal areas beneath a Specific Layer (Swipe). 31. It shall be able to save and manage locations for use with multiple maps. 32. It shall be able to Create, Organize, and Share Spatial Bookmarks. 33. It shall be able to Pan and Zoom the Map with the Mouse Wheel. 34. It shall be able to Pan and Zoom to Selected Features. 35. It shall be able to Switch Any Tool to a Pan/Zoom Tool Using Hot Keys. 36. It shall be able to Create Hyperlink to External Application, Macro, or URL. 37. It shall be able to use Overview Window 38. It shall be able to use Viewer Windows for Displaying Different Parts of a Map. 39. It shall be able to use Multiple Viewer Windows for Separate Data Frames. 40. It shall be able to interactively Measure Distances and Areas 41. It shall be able to find Features in the Map 42. It shall be able to find an Address by Using Local or Custom Locators 43. It shall be able to show Related Data with Field Properties 44. It shall be able to View and Toggle Layer Selectability in Table of Contents 45. It shall be able to Select Data by Location 46. It shall be able to Select Data by Attribute 47. It shall be able to Interactively Select/Unselect Features 48. It shall be able to Unselect All, Switch the Selection, or Select All Features	1	3,600,000.00	3,600,000.00



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	<p>49. It shall be able to Access Attribute Table and Layer Properties from Identify Dialog Box</p> <p>50. It shall be able to Flash, Zoom to, Pan to, Select, and Identify Individual Features in a Map Based on a Record in the Attribute Table</p> <p>51. It shall be able to Interactively Highlight Selected Records/Features</p> <p>52. It shall be able to Zoom to and Unselect Highlighted Records/Features</p> <p>53. It shall be able to Interactively Add and Remove Records from a Selection</p> <p>54. It shall be able to Copy Selected Records for Pasting into Other Applications</p> <p>55. It shall be able to Turn Fields Off and On and Change Field Order and Size</p> <p>56. It shall be able to Modify a Table's Appearance by Changing Cell and Field Size, Font, and Color</p> <p>57. It shall be able to Use Field Properties of Joined Tables</p> <p>58. It shall be able to Reorder Fields</p> <p>59. It shall be able to See Properties of Joins and Relates from Table Properties</p> <p>60. It shall be able to Sort a Table by Multiple Fields</p> <p>61. It shall be able to Drag Multiple Tables into the Table Window as Tabs</p> <p>62. It shall be able to Create a Graph or Report</p> <p>63. It shall be able to Find and Replace Attribute Values</p> <p>64. It shall be able to Plot Data from a Variety of Datasets in a Single Graph</p> <p>65. It shall be able to Create 2D and 3D Graphs</p> <p>66. It shall be able to Overlay Multiple Graphs in a Single Graph</p> <p>67. It shall be able to have selections automatically propagate between Map, Table, and Graph.</p> <p>68. It shall support Horizontal and Vertical Bar, Line, and Area</p> <p>69. It shall support Histogram Bar graph type</p> <p>70. It shall support Scatterplot graph type</p> <p>71. It shall support Scatterplot Matrix graph type</p> <p>72. It shall support Box Plot graph type</p> <p>73. It shall support Bubble graph type</p> <p>74. It shall support Polar graph type</p> <p>75. It shall support Pie graph type</p> <p>76. It shall be able to analyze Map for Potential Display Optimizations</p> <p>77. It shall be able to visualize the Map Page or a Specific Set of Data</p> <p>78. It shall be able to perform On-the-Fly Projection of All Data</p> <p>79. It shall be able to set Spatial Reference by Selection, Name Filter, or Spatial Filter</p> <p>80. It shall be able to set Custom/Compound Datum Transformation for Your Map Extent</p> <p>81. It shall be able to enable Full Cartographic Visualization of Any PMF File</p> <p>82. It shall be able to interactively Set Percent Transparency for All Data Layers</p> <p>83. It maps shall have Legends that honor layer transparency</p> <p>84. It shall be able to set a Minimum and Maximum Scale to Display Data</p> <p>85. It shall be able to create Custom Relative Scales</p> <p>86. It shall be able to create Graticules, Measured Grids, and Reference Grids</p> <p>87. It shall be able to create Extent Rectangles for Other Data (Reference and Overview Maps)</p> <p>88. It shall be able to Create Variable Depth Layer Masking</p> <p>89. It shall be able to Convert Graphics (Point, Line, Polygon, Text) to Features</p> <p>90. It shall be able to create high-performance Basemap layers computed once for any area</p> <p>91. It shall be able to add Data Menu Accesses Basemaps and Data from GIS Online</p> <p>92. It shall have Quick Pan Mode for Continuous Navigation of Basemap and Accelerated Raster Layers</p> <p>93. It shall be able to create On-the-Fly Dynamic Joins between Different Databases</p> <p>94. It shall be able to join Dialog Box Supports Join Validation prior to Execution</p> <p>95. It shall be able to create and Use Many-to-One and One-to-Many Relationships</p> <p>96. It shall be able to create statistics</p> <p>97. It shall be able to summarize data</p> <p>98. It shall be able to calculate field values of all or selected rows</p> <p>99. It shall support Chart Mapping Including Pie and Bar Charts</p> <p>100. It shall support Bivariate and Multivariate Data Rendering</p> <p>101. It shall support Interactive Histogram for Data Classification</p> <p>102. It shall use an interactive symbol composer</p> <p>103. It shall have an available library of predefined symbols</p> <p>104. It shall search for symbols by descriptive tag</p> <p>105. It shall control symbol draw order</p> <p>106. It shall add or modify symbol search tags</p> <p>107. It shall use halos and comply (Y/N) background symbols</p> <p>108. It shall define symbols for fill, lines, outlines, and points</p> <p>109. It shall support user-imported picture symbols (PNG, JPEG, GIF)</p> <p>110. It shall support TIN Contour with Index Contours</p> <p>111. It shall support TIN Face, Aspect, Elevation, Slope</p> <p>112. It shall support Digital Elevation Model (DEM) Hillshade with Sun Position Control</p> <p>113. It shall support DEM Shaded Relief Using Hillshade and Elevation</p> <p>114. It shall support Terrain Contour with Index Contours</p> <p>115. It shall support Terrain Face, Aspect, Elevation, Slope</p> <p>116. It shall support DEM Elevation</p> <p>117. It shall Display Multiband Images by Assigning Color Values to the Bands</p> <p>118. It shall display raster products from Image Sensor Raw Data and Metadata</p> <p>119. It shall use individual band settings</p> <p>120. It shall display each unique value with a discrete color</p> <p>121. It shall display image values using a color map</p> <p>122. It shall display Multiband Raster Data Using Color Values</p> <p>123. It shall save current display statistics</p> <p>124. It shall control raster display contrast and brightness</p> <p>125. It shall support On-the-Fly Orthorectification</p> <p>126. It shall support On-the-Fly Panchromatic Sharpening</p> <p>127. It shall support On-the-Fly Hillshade Effect for Elevation Data</p> <p>128. It shall display Raster Catalog Tiles as a Time Series</p> <p>129. It shall import Renderer or Statistics from Another Layer</p> <p>130. It shall display Raster Values While Navigating the Map with MapTips</p> <p>131. It shall display Raster Resolution in Map Table of Contents</p> <p>132. It shall apply and edit raster function chains</p> <p>133. It shall support accelerated display mode for raster layers</p> <p>134. It shall support Standard Deviations</p> <p>135. It shall support Histogram Equalize</p> <p>136. It shall support Interactive Histogram</p> <p>137. It shall support Custom</p> <p>138. It shall support None</p> <p>139. It shall support Stretch (Modified Sigmoid)</p> <p>140. It shall support Bovey</p> <p>141. It shall support Gram-Schmidt</p> <p>142. It shall support IHS (Intensity Hue Saturation)</p>			
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	<p>143. It shall support Simple Mean 144. It shall support Raster Display Statistics 145. It shall support based on the Entire Raster Dataset 146. It shall support based on the Display Extent 147. It shall support based on a Custom Extent 148. It shall support based on an Automated Sampling of Pixels 149. It shall support Nearest Neighbor 150. It shall support Bilinear Interpolation 151. It shall support Cubic Convolution 152. It shall support Majority 153. It shall support Manual Interval 154. It shall support Equal Interval 155. It shall support Defined Interval 156. It shall support Quantile Interval 157. It shall support Natural Breaks (Jenks) 158. It shall support Geometrical Interval 159. It shall support Standard Deviation 160. It shall support Footprints Only 161. It shall support Selected Footprints 162. It shall have a Pixel Inspector 163. It shall have a Swipe Layer Tool 164. It shall have an Image Analysis Window 165. It shall create Time Series, Layer Transition, or Map Navigation Animation 166. It shall Animate Data Change with Tabular (Charts), Vector, Raster Catalog, and NetCDF Data 167. It shall export Animations as Sequential Images 168. It shall create Video from Sequential Images 169. It shall view Temporal Data with the Time Slider 170. It shall view Live Temporal Data in Real Time 171. It shall support for Title map element 172. It shall support for Text map element 173. It shall support Neatlines 174. It shall support Legends (May Be Dynamically Generated from Features in the Map) 175. It shall support for North Arrows 176. It shall support for Scale Bars (May Be Multiple Scales with a Common Zero Anchor) 177. It shall support for Scale Text 178. It shall support for Pictures 179. It shall support for OLE Objects 180. It shall support for Measured Reference Grid 181. It shall support for Graticules 182. It shall support Enhanced Metafile (EMF) 183. It shall support Windows Bitmap (BMP) 184. It shall support Encapsulated PostScript (EPS) 185. It shall support Tagged Image File Format (TIFF) 186. It shall support Portable Document Format (PDF) 187. It shall support Joint Photographic Experts Group (JPEG) 188. It shall support Portable Network Graphics (PNG) 189. It shall support Graphic Interchange Format (GIF) 190. It shall support Scalable Vector Graphics (SVG) 191. It shall support Adobe Illustrator (AI) 192. It shall support PostScript Color Separates (with Page Marks) 193. It shall support for Windows 194. It shall support for PostScript 195. It shall support for ArcPress™ HP RTL (RGB, CMYK, and Monochrome) 196. It shall support for ArcPress Epson Universal 197. It shall support for ArcPress HP Universal 198. It shall be able to process Print Jobs on a Local Machine for Faster Printing 199. It shall be able to analyze maps for errors, unsupported content, performance tips 200. It shall be able to create Basemap layers for static background data 201. It shall be able to preview maps and estimated rendering time 202. It shall be able to publish a map to the GIS Server 203. It shall be able to consolidate layers, maps, locators, or results into a folder 204. It shall be able to create a layer package file 205. It shall be able to extract a Layer Package 206. It shall be able to create a map package file 207. It shall be able to extract a map package 208. It shall be able to share a map as a service to an Enterprise or Cloud Server 209. It shall be able to search for maps, data, and tools in Local, Enterprise, or Cloud Sources 210. It shall be able to share map tile caches to Local, Enterprise, or Cloud Users 211. It shall be able to export and print maps 212. It shall be able to create and share Geoprocessing Results as Packages 213. It shall be able to create and share Geoprocessing Results as Services 214. It shall be able to create and share Locator Packages 215. It shall be able to manage documents and layers 216. It shall be able to create and manage map Series and Books 217. It shall be able to export reports 218. It shall be able to create and analyze map service definitions 219. It shall be able to convert web map JSON to map document 220. It shall be able to Set Default Label Engine and Font Name for Your Map Document 221. It shall be able to Create Dynamic On-the-Fly Labels 222. It shall support Automatic Conflict Detection and Label Placement 223. It shall have label placement rules for setting priority between layers 224. It shall have placement rules for setting importance of labels vs. features 225. It shall have predefined label styles 226. It shall support Labels Rotate from an Attribute Field 227. It shall be able to control which features in a layer display labels 228. It shall support Comply (Y/N) Text Formatting Tags for Dynamic Label Symbolology It shall be able to Add Logic to Label Expressions with JScript, Python, and VBScript 229. It shall be able to use Interactive Label Tools (Callout, Label, Spline, and Paragraph Text) 230. It shall be able to add horizontal or angled annotation. It shall be able to add annotation with a leader line 231. It shall be able to create annotation that follows a curved line or the shape of an existing feature 232. It shall be able to dynamically pull annotation values from layers in the map 233. It shall be able to interactively manage annotation that could not be placed during Initial Annotation Creation</p>			
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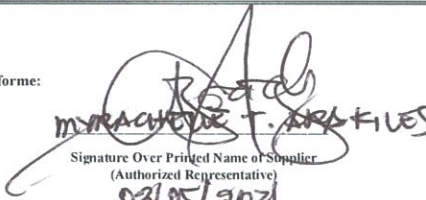

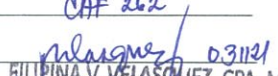
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		<p>234. It shall be able to edit each word in an annotation string independently</p> <p>235. It shall be able to interactively stack and unstack annotation</p> <p>236. It shall be able to flip annotation strings</p> <p>237. It shall be able to interactively modify the curvature and orientation of a line</p> <p>238. It shall be able to edit the symbology of a single annotation feature or a group of annotation features simultaneously</p> <p>239. It shall support Street Placement</p> <p>240. It shall be able to store annotation in a geodatabase or a map document</p> <p>241. It shall be able to create annotation subclasses</p> <p>242. It shall be able to create aligned dimensions displaying the true distance between points</p> <p>243. It shall be able to create linear dimensions displaying horizontal, vertical, or an angled distance between points</p> <p>244. It shall be able to create and edit feature-linked annotation feature classes in a geodatabase</p> <p>245. It shall be able to create Advanced Labels</p> <p>246. It shall support advanced Python Expression Parser</p> <p>247. It shall support customizable dynamic stacking</p> <p>248. It shall support font reduction</p> <p>249. It shall support customizable abbreviation and label white space management</p> <p>250. It shall support polygon boundary placement</p> <p>251. It shall support repeated labeling</p> <p>252. It shall support character spreading</p> <p>253. It shall support word spreading for polyline and polygon labels</p> <p>254. It shall support label overrun on features</p> <p>255. It shall support curved polygon placement</p> <p>256. It shall support graticule labeling alignment</p> <p>257. It shall support user-defined point label zones</p> <p>258. It shall support background labeling</p> <p>259. It shall support land parcel placement</p> <p>260. It shall support advanced feature weighting</p> <p>261. It shall support advanced label offsets</p> <p>262. It shall support advanced line label positions</p> <p>263. It shall support advanced curved label placement</p> <p>264. It shall support watermark-style background labels</p> <p>265. It shall support geologic strike and dip symbology</p> <p>266. It shall support asian vertical text metric support</p> <p>267. It shall support polygon hole avoidance for callouts</p> <p>268. It shall support polygon zone (Internal, External) placement</p> <p>269. It shall support long boundary label repetition</p> <p>270. It shall support label fitting by key numbering into an overflow table</p> <p>271. It shall support logically continuous feature (Street, River, Contour) placements</p> <p>272. It shall be able to store multiple representations of GIS features in a geodatabase for use in a variety of map products</p> <p>273. It shall be able to create rules that dynamically manipulate the geometry and symbology of a feature</p> <p>274. It shall be able to share representation rules through style files</p> <p>275. It shall be able to change the shape or symbology for a single feature without changing the GIS data it represents</p> <p>276. It shall be able to define feature visibility and transparency for each feature or based on an attribute</p> <p>277. It shall be able to mask individual features or parts of features without masking all features in a layer</p> <p>278. It shall be able to dynamically place point symbols along lines or polygons</p> <p>279. It shall have a geocoding toolbar for locator management and use</p> <p>280. It shall support single line input for GIS locators</p> <p>281. It shall be able to geocode single or batch addresses</p> <p>282. Reverse Geocode Point Features</p> <p>283. It shall be able to find address within current map extent</p> <p>284. It shall support real-time batch geocoding match rate feedback</p> <p>285. It shall be able to use tools for processing result sets, including custom queries</p> <p>286. It shall be able to use GIS server for server-based geocoding</p> <p>287. It shall be able to use Multiple Geocoding Locators per data source</p> <p>288. It shall be able to geocode using alternate street names, intersection, or place-name aliases</p> <p>289. It shall be able to aggregate multiple geocoding locators into a single geocoding locator (composite locator)</p> <p>290. It shall be able to distribute geocoding locators without the reference data</p> <p>291. It shall be able to edit runtime properties with address locator properties dialog</p> <p>292. It address inspector finds address by map click</p> <p>293. It shall be able to drag locators into map from the catalog window</p> <p>294. It shall be able to create dynamic features from geocoded locations</p> <p>295. Geocode Addresses</p> <p>296. Create Composite Address Locator</p> <p>297. It shall have access to an online locator service</p> <p>298. Consolidate Locator</p> <p>299. Create Address Locator</p> <p>D. Bidder Qualification: The Bidder must be a sole authorized local distributor of the GIS solution in the Philippines to address immediate and urgent technical support.</p> <p>E. Training: The bidder shall provide standard GIS trainings for the Desktop GIS Licenses to be installed.</p> <p>F. Warranty: It shall have one-year maintenance and technical support from the date of original purchase to include replacement of software media, provided they are used under normal condition under the terms and conditions of warranty</p>			
2	Lot	<p>ArcGIS Maps for Power BI for ArcGIS Online Term License Subscription - Unit</p> <p>A. Details: 1. Warranty. One (1) year maintenance and technical support from the date of delivery</p> <p>B. Additional documentary requirements: 1. Certification of warranty/after support within 1 (one) year 2. Sole distributor certification</p>	5	7,320.00	36,600.00




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3	Lot	Online Credits for ArcGIS (Mapping and Location-Based Analysis Platform) - Lot A. Details: 1. Warranty: One (1) year maintenance and technical support from the date of delivery B. Additional documentary requirements: 1. Certification of warranty/after support within I (one) year 2. Sole distributor certification Purpose: To geo-enable Health Facilities Development Bureau using Geographic Information System, Additional Licenses for the Health Facilities Development Bureau Note: Subject to the conditions stated in the Request for Quotation	1	24,480.00	24,480.00
Three Million Six Hundred Sixty-One Thousand Eighty Philippine Pesos					3,661,080.00
Liquidated Damages (Section 68 of the Revised IRR of RA 9184): All contracts executed in accordance with the Act and this IRR shall contain a provision on liquidated damages which shall be payable by the contractor in case of breach thereof. For the procurement of Goods, Infrastructure Projects and Consulting Services, the amount of liquidated damages shall be at least equal to one-tenth of one percent (0.001) of the cost of the unperformed portion for every day of delay. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Entity may rescind or terminate the contract, without prejudice to other courses of action and remedies available under the circumstances.					
Warranty (Section 62 of the Revised IRR of RA 9184): In order to assure that manufacturing defects shall be corrected by the supplier, a warranty security shall be required from the contract awardee for a minimum period of three (3) months, in the case of Expendable Supplies, or a minimum period of one (1) year, in the case of Non-expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies. The obligation for warranty shall be covered by either retention money in an amount equivalent to at least one percent (1%) but not to exceed five percent (5%) of every progress payment, or a special bank guarantee equivalent to at least one percent (1%) but shall not exceed five percent (5%) of the total contract price. The said amounts shall only be released after the lapse of the warranty period, or, in the case of Expendable Supplies, after consumption thereof. Provided, however, that the supplies delivered are free from patent and latent defects and all the conditions imposed under the contract have been fully met.					
Conforme:		By Authority of the Secretary of Health:			
 Signature Over Printed Name of Supplier (Authorized Representative) 03/05/2021 Date		 ENRIQUE A. TAYAG, MD, CHSAE, FPSMID, CESO III Director IV Knowledge Management Information and Technology Service			
Fund Cluster: CAF 262		ORS/BURS No.: 02-10101.2024.03.00443			
Funds Available:  FILIPINA V. VELASQUEZ, CPA, MM OIC-FMS ACCOUNTING DIVISION Signature over Printed Name of Chief Accountant/Head of Accounting Division/Unit		Date of the ORS/BURS: 3/9 Amount: 3,661,080.00			
Building 1, San Lazaro Compound, Rural Avenue, Sta. Cruz, 1003 Manila. • Trunk Line 6517800 Loc. 1107; 1111; 1112; 1134 URL: http://www.doh.gov.ph ; e-mail: info@do.gov.ph					

PS / COBAC
RELEASED: PO / CONTRACT
by: 
Date: MAR 15 2021

PS / COBAC
APPROVED PO / CONTRACT
Received by: 
Date: MAR 16 2021