MONTANA HALL NORTH LANDSCAPE UPGRADES - PHASE 1

BASE BID
BASE BID (PER PLANS): BASE BID ITEMS INCLUDE BUT ARE NOT LIMITED TO GENERAL CONDITIONS, SITE DEMO, SITE LAYOUT, GRADING, CONCRETE PLACEMENT, EXCAVATION, LIGHT POLE MOVER & ONE NEW LIGHT POLE, WIRING AND CIRCUITING, TREE PLANTING, IRRIGATION, SEEDING, AND ASSORTED SITE DETAILS PER THE PLANS.

ALTERNATES
BID ALTERNATE #1 LIGHT BOLLARDS, BENCHES AND CONCRETE PADS (PER PLANS):
PROVIDE AND INSTALL BENCHES, CONCRETE PADS, IRRIGATION MODIFICATION AS NECESSARY, AND LIGHT BOLLARDS WITH ASSOCIATED WIRING AND CIRCUITING PER THE PLANS.

BID ALTERNATE #2 BRONZE MEDALLION (PER PLANS):
PROVIDE AND INSTALL BRONZE MEDALLION. MEDALLION ARTWORK AS PROVIDED BY MSU.

HISTORICAL PHOTO
MONTANA HALL NORTH LANDSCAPE UPGRADES PHASE 1

DATE: 4920.0'

1. EXISTING UTILITIES
   - ROOF DRAINAGE
   - ROOF DRAINAGE POWER
   - SEWER TYP.
   - UNDERGROUND TELEPHONE
   - UNDERGROUND FIBER
   - POWER LINE TYP.
   - SIDEWALK TYP.
   - EXISTING BURIED GAS FIBER OPTIC LINE
   - EXISTING BURIED FIBER OPTIC LINE

2. EXISTING UTILITIES
   - EXISTING BURIED GAS LINE TYP.
   - EXISTING POWER LINE TYP.
   - EXISTING TELEPHONE
   - EXISTING TELEPHONE TYP.
   - EXISTING WATER HEAT TYP.
   - EXISTING WATER MAIN TYP.

3. Existing Conditions
   - EXISTING SHRUB
   - EXISTING UTILITIES
   - EXISTING ROOF DRAINAGE
   - EXISTING BLOCKewood
   - EXISTING SIDEWALK

4. 100% CD
   - 100% CD
   - 100% CD
   - 100% CD

MONTANA HALL

PHASE I

EXISTING CONDITIONS
Sheets 11.10
DATE 04-10-17
CONDITIONS. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND LOCATIONS PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

1. EXISTING UTILITIES
   - EXISTING CONCRETE, TYP.
   - EXISTING CONCRETE, TYP.
   - EXISTING CONCRETE, TYP.

2. EXISTING UTILITY SYMBOLS
   - UNDERGROUND TELEPHONE
   - UNDERGROUND TELEPHONE
   - UNDERGROUND TELEPHONE
   - UNDERGROUND TELEPHONE
   - UNDERGROUND TELEPHONE

3. REVIEWED BY: SR

4. DRAWN BY:

5. EXISTING TREE

6. SEE IRRIGATION SHEETS FOR SIDEWALK SLEEVING.

7. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

8. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR TO ADJACENT PROPERTY SHALL BE NOTIFIED IMMEDIATELY TO OWNER AND CONTRACTOR.

9. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND LOCATIONS PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

10. EXISTING UTILITY SYMBOLS
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE

11. REVIEWED BY: SR

12. DRAWN BY:

13. EXISTING TREE

14. NORTH LANDSCAPE UPGRADES

15. VACANT LAND UPGRADES

16. EXISTING TREE

17. SEE IRRIGATION SHEETS FOR SIDEWALK SLEEVING.

18. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

19. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR TO ADJACENT PROPERTY SHALL BE NOTIFIED IMMEDIATELY TO OWNER AND CONTRACTOR.

20. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND LOCATIONS PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

21. EXISTING UTILITY SYMBOLS
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE

22. REVIEWED BY: SR

23. DRAWN BY:

24. EXISTING TREE

25. NORTH LANDSCAPE UPGRADES

26. VACANT LAND UPGRADES

27. EXISTING TREE

28. SEE IRRIGATION SHEETS FOR SIDEWALK SLEEVING.

29. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

30. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR TO ADJACENT PROPERTY SHALL BE NOTIFIED IMMEDIATELY TO OWNER AND CONTRACTOR.

31. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND LOCATIONS PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

32. EXISTING UTILITY SYMBOLS
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE
    - UNDERGROUND TELEPHONE

33. REVIEWED BY: SR

34. DRAWN BY:

35. EXISTING TREE

36. NORTH LANDSCAPE UPGRADES

37. VACANT LAND UPGRADES

38. EXISTING TREE

39. SEE IRRIGATION SHEETS FOR SIDEWALK SLEEVING.

40. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.

41. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR TO ADJACENT PROPERTY SHALL BE NOTIFIED IMMEDIATELY TO OWNER AND CONTRACTOR.

42. CONTRACTOR SHALL VERIFY ALL QUANTITIES, MEASUREMENTS, AND LOCATIONS PRIOR TO LAYOUT AND SCHEDULED TO REMAIN, TYP.
GRADED BASES ON DRAWINGS AND SPECIFICATIONS. FOR BIDDING PURPOSES.

1. Contractor shall prepare and execute all work as shown by construction documents.
2. Design shall be coordinated with landscape architect and owner.
3. Contractor shall verify locations of all utilities prior to grading.
4. All grading shall be executed to meet existing, adjacent grading, and adjacent improvements.
5. Check plans for the correct topographical reference specifications prior to topographic surveys.
6. Details and landscape architectural approval of rising grades prior to topographical surveys.
7. Prior to beginning, contractor shall to review plans.
8. Prior to commencing work, the line shall be approved by contractor prior to starting work.
9. Construction shall be approved by landscape architect and owner prior to finishing.

NOTES
1. Only information provided by owner and subject to actual site conditions. Contractor shall verify all quantities, measurements, and specifications for this contract.
2. Contractor shall verify grades and elevations in accordance with construction documents.
3. Contractor shall verify and report all discrepancies. Contractor shall verify project.
4. Grading shall be based on drawings and specifications for bidding purposes.
ELEVATIONS WITH ON SITE CONDITIONS.

1. UGP
   GAS Valve Number
   6" Min. See Notes. Extend sleeves 1` minimum beyond edge of
   Pipe Sleeve: PVC Schedule 40

2. UGP
   irrigation Mainline: PVC Schedule 40

3. UGP
   Pedestal Mount Link Communication. See specifications.

4. UGP
   ROBINSON SWR Purple Rubber Cover, and 2-Piece Body.
   3/4" Brass Quick-Coupling Valve, with Corrosion-Resistant
   Purple Flow Control Handle. Size noted on plan.

5. UGP
   100% CD Durable Chlorine-Resistant Valves for Reclaimed Water

6. UGP
   SWR HEAD TO HEAD TO EXISTING IRRIGATION

7. UGP
   Existing Head to Existing Schedules.
   Size Range - 1/4" - 3"

8. UGP
   Phone: 406.994.5413 Fax: 406.994.5665

9. UGP
   North Landscape Upgrades

10. UGP
   imming Schedule

11. UGP
    Irrigation Equipment Per Manufacturer's Specifications. Thrust
    Block PER DETAIL.

12. UGP
    Irrigation Head Location with New Project

13. UGP
    Coordination of Existing Irrigation System Functional and Authorized Prior to
    Construction. Coordination for Wall and Major Coordination of Existing Irrigation

14. UGP
    New Irrigation Head shall match existing where mixed in areas with
    Existing Heads and Zones

15. UGP
    CONTRACTOR SHALL COORDINATE IRRIGATION SYSTEM IN WORKING ORDER PRIOR TO
    INSTALLATION. CONTROLLER SHALL COORDINATE OF EXISTING IRRIGATION

16. UGP
    CONTRACTOR SHALL PROVIDE ALL DEVICES, WIRING, AND PROGRAMMING FOR A
    COMPLETE OPERATIONAL SYSTEM.

17. UGP
    CONTRACTOR'S RESPONSIBILITY.

18. UGP
    Complete all irrigation equipment on site and backwater test per
    manufacturer's recommendations.

19. UGP
    ZONES WITH PLUS THROUGH 15 GPM SHALT 1.5" CONTROL VALVE PER ZONE.
    Zones with 15 GPM UP TO 30 GPM 1.5" CONTROL VALVE PER ZONE

20. UGP
    VALUE LOCATIONS ARE DETERMINED IN NATURE. LOCATIONS IN BURIED AREAS
    MAINTAINED EXISTING HEADS AND ZONES.

21. UGP
    CONTRACTOR SHALL REPAIR EXISTING IRRIGATION AS NEEDED TO MAINTAIN EXISTING
    Zones with Flows Through 30 GPM SHALL HAVE 1.25" NPT Female Threaded Inlet.

22. UGP
    CONTRACTOR SHALL PROVIDE ALL DEVICES, WIRING, AND PROGRAMMING FOR A
    COMPLETE OPERATIONAL SYSTEM.

23. UGP
    CONTRACTOR'S RESPONSIBILITY.

24. UGP
    Install all irrigation equipment per manufacturer's specifications. Thrust
    Block PER DETAIL.

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    Irrigation Head Location with New Project

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    Coordination of Existing Irrigation System Functional and Authorized Prior to
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    manufacturer's recommendations.

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    ZONES WITH PLUS THROUGH 15 GPM SHALT 1.5" CONTROL VALVE PER ZONE.
    Zones with 15 GPM UP TO 30 GPM 1.5" CONTROL VALVE PER ZONE

46. UGP
    VALUE LOCATIONS ARE DETERMINED IN NATURE. LOCATIONS IN BURIED AREAS
    MAINTAINED EXISTING HEADS AND ZONES.

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    CONTRACTOR SHALL REPAIR EXISTING IRRIGATION AS NEEDED TO MAINTAIN EXISTING
    Zones with Flows Through 30 GPM SHALL HAVE 1.25" NPT Female Threaded Inlet.

48. UGP
    CONTRACTOR SHALL PROVIDE ALL DEVICES, WIRING, AND PROGRAMMING FOR A
    COMPLETE OPERATIONAL SYSTEM.

49. UGP
    CONTRACTOR'S RESPONSIBILITY.

50. UGP
    Install all irrigation equipment per manufacturer's specifications. Thrust
    Block PER DETAIL.

51. UGP
    Irrigation Head Location with New Project

52. UGP
    Coordination of Existing Irrigation System Functional and Authorized Prior to
    Construction. Coordination for Wall and Major Coordination of Existing Irrigation

53. UGP
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    Existing Heads and Zones

54. UGP
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55. UGP
    CONTRACTOR SHALL PROVIDE ALL DEVICES, WIRING, AND PROGRAMMING FOR A
    COMPLETE OPERATIONAL SYSTEM.

56. UGP
    CONTRACTOR'S RESPONSIBILITY.
**DECIDUOUS TREE PLANTING**

- Planting Details
- L6.10
- 1670 South 48th Street West
  - BILLINGS, MT 59106
  - PHONE: 655.3550
  - www.landdesigninc.net

**NOTES:**
- STAKING MANDATORY.
- BACKFILL WITH NATIVE SOIL
- REMOVE ALL ROOT CONTAINMENT MATERIALS AS PER SPECIFICATIONS
- EXCAVATE HOLE THREE TIMES DIAMETER OF ROOTBALL DEPTH
- TREE TO BE PRUNED AS PER SPECIFICATIONS
- TURF
- 3 STAKES PER TREE SPACED EVENLY
- FINISH GRADE
- ROOT COLLAR OR GRAFT UNION 3" ABOVE FINISH GRADE

**TREE PLANTING EVERGREEN**

- Planting Details
- 3"-6" SPACING
- TEE FENCE POST
- 3 TREE STAKES PER TREE TYP
- SPACE STAKES EVENLY
- ROOT COLLAR TO BE 3" ABOVE FINISHED GRADE

- Tree to be pruned as per specifications
- CONTRACTOR TO HOLD SOD 2.5' FROM TREE, AS SHOWN. OWNER TO PROVIDE & INSTALL MULCH.

**SHRUB PLANTING**

- Planting Details
- Mulch as specified
- Native Soil
- Backfill with native soil
- Rest rootball on 6" tamped mound of native soil mix

- Notes:
- 1.) Continuous Prep to 12" deep

**CONCRETE EDGING**

- Concrete Edging
- Finish Grade
- Grade set 4" below adjacent finished surfaces.
- 1" max above finish grade
- Note: Concrete curbing to be poured on native or 95% compacted soil.
- 6"x6" concrete edging.
- Install according to manufacturer's specifications.
- Bed prep per specifications.
- Mulch, planting, fabric N.I.C.
1. New Light Pole

2. Light Bollard - Alternate 1

3. Bronze Medallion - Alternate 2

4. Sidewalk with Landscape Island

Details

Sheet L6.40

Date 04-10-17

NEW LIGHT POLE

1/8" = 1'-0"

LIGHT BOLLARD - ALTERNATE 1

1/8" = 1'-0"

BRONZE MEDALLION - ALTERNATE 2

1/8" = 1'-0"

SIDEWALK WITH LANDSCAPE ISLAND

1/8" = 1'-0"